

10

FIG. 1

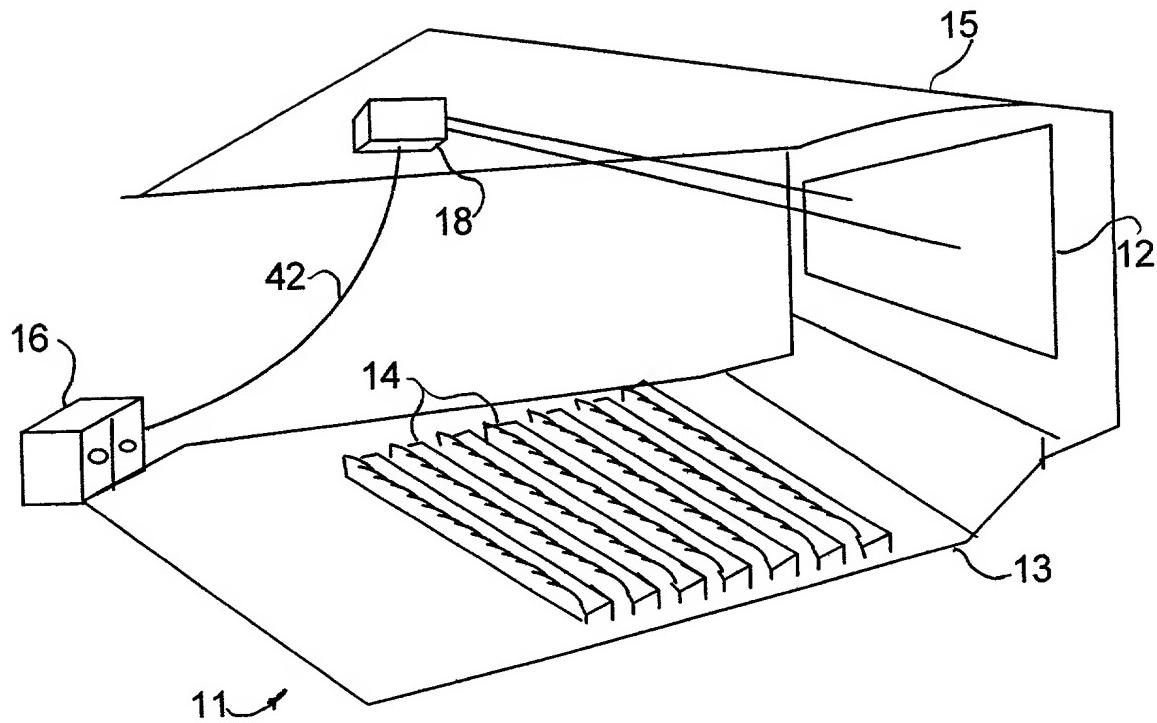


FIG. 2

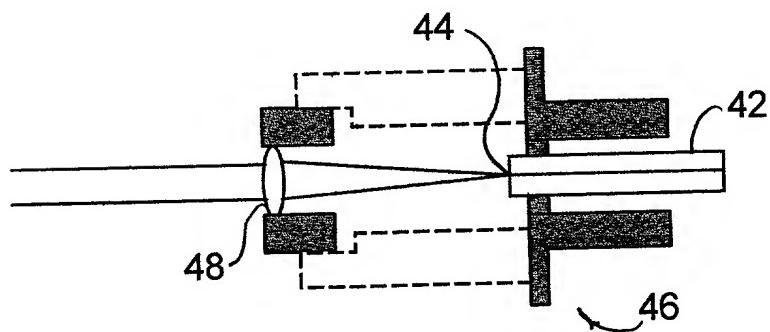


FIG. 3

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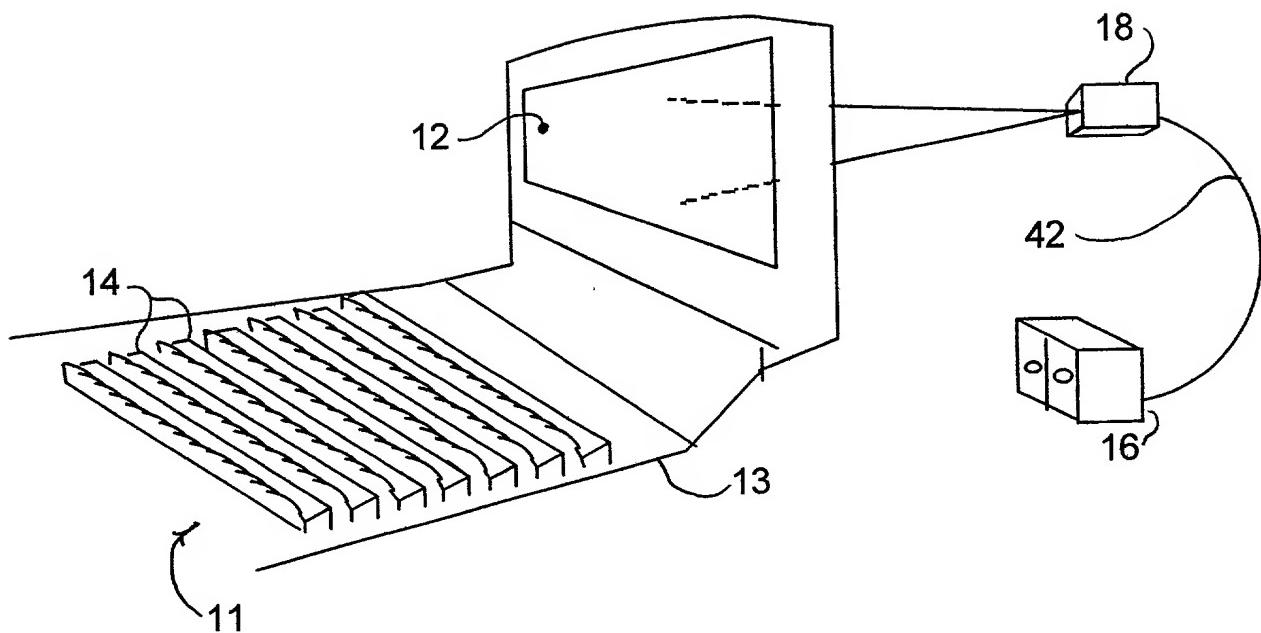
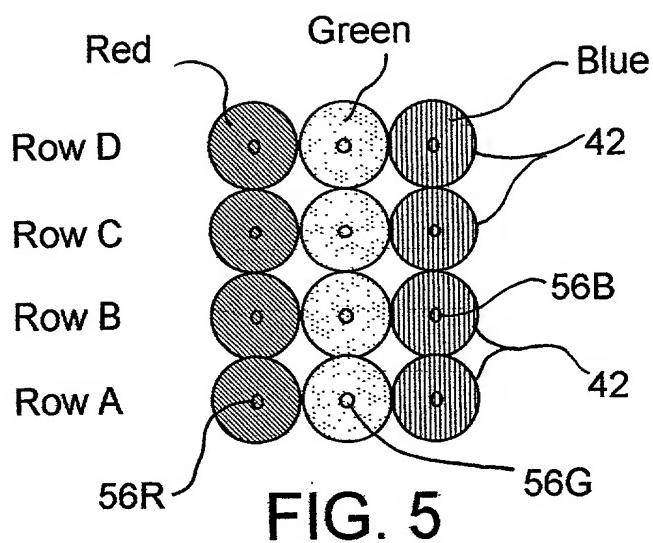


FIG. 4

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PROCESSED EXCEPT

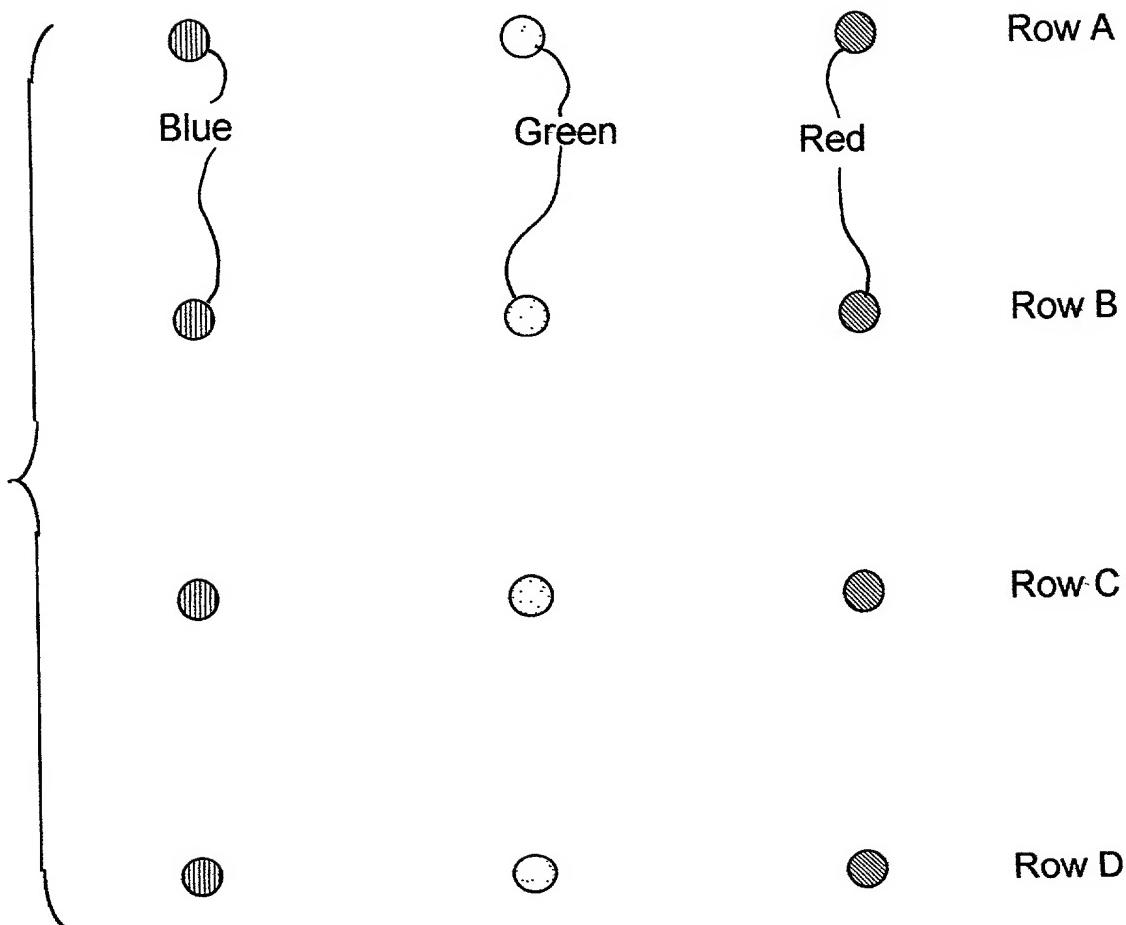
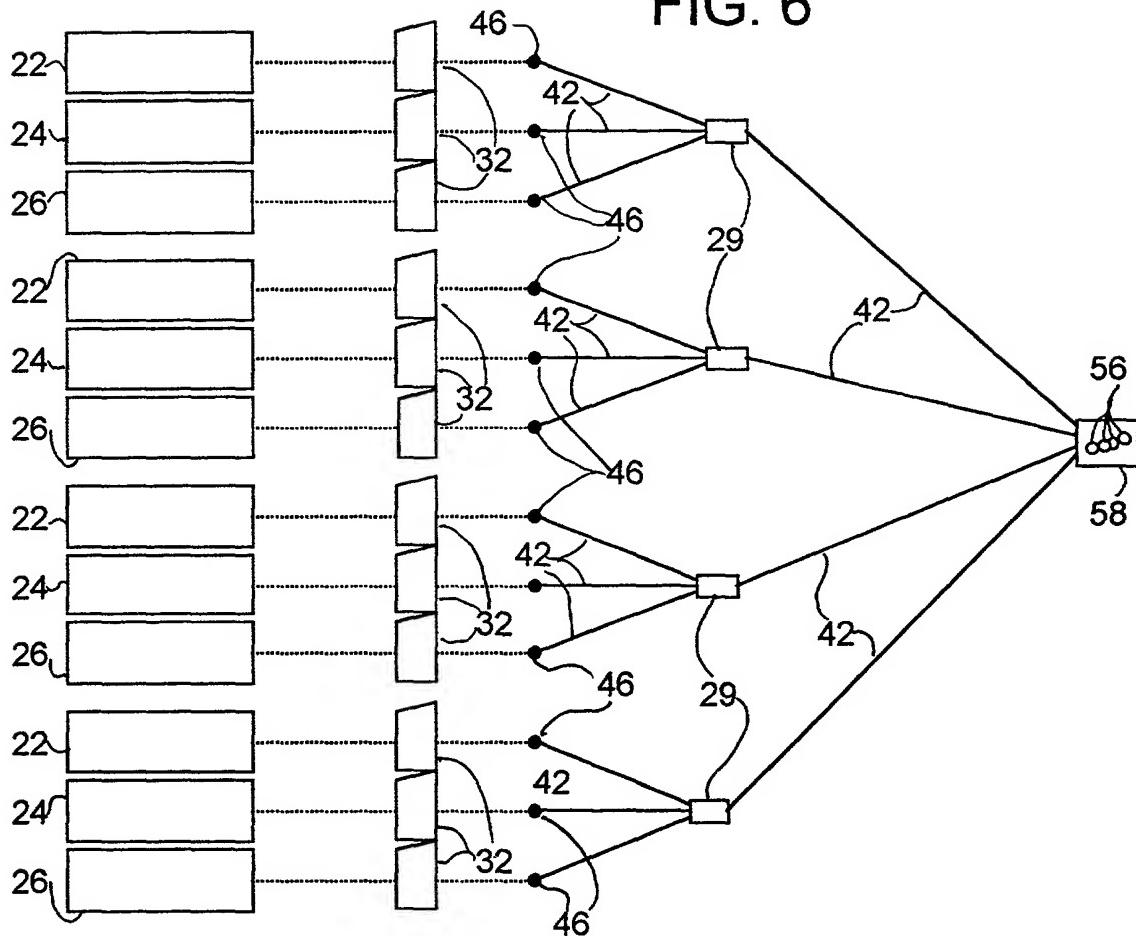


FIG. 5S

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FIG. 6



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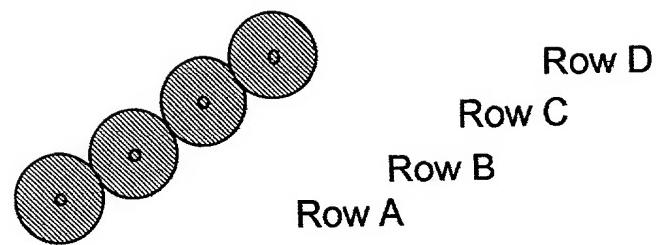


FIG. 7

PROGRESSIVE AGGRESSION

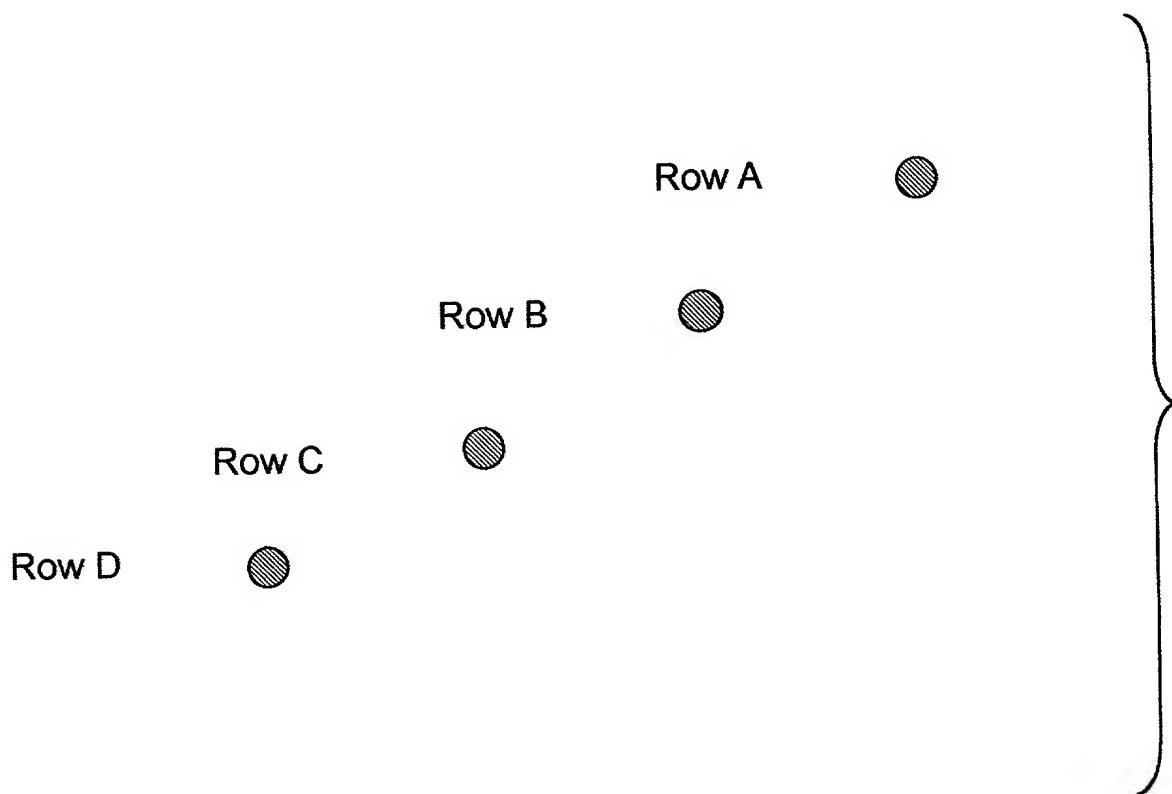


FIG. 7S

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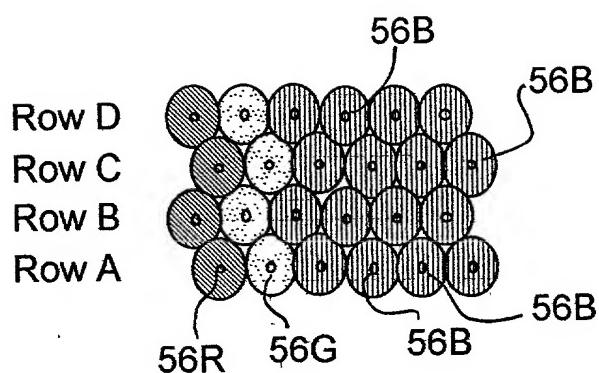


FIG. 8

RECORDED BY TELETYPE

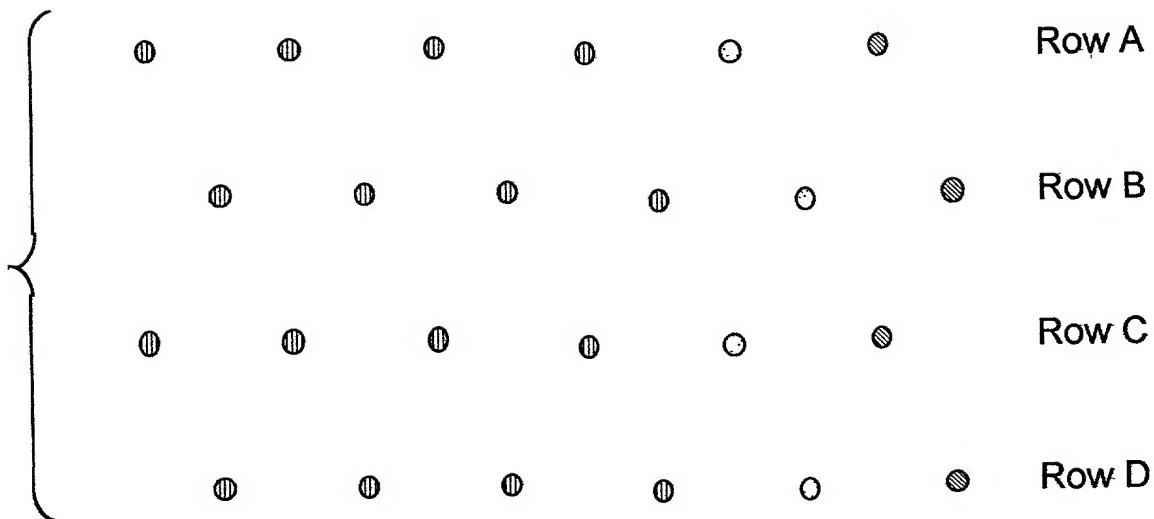


FIG. 8S

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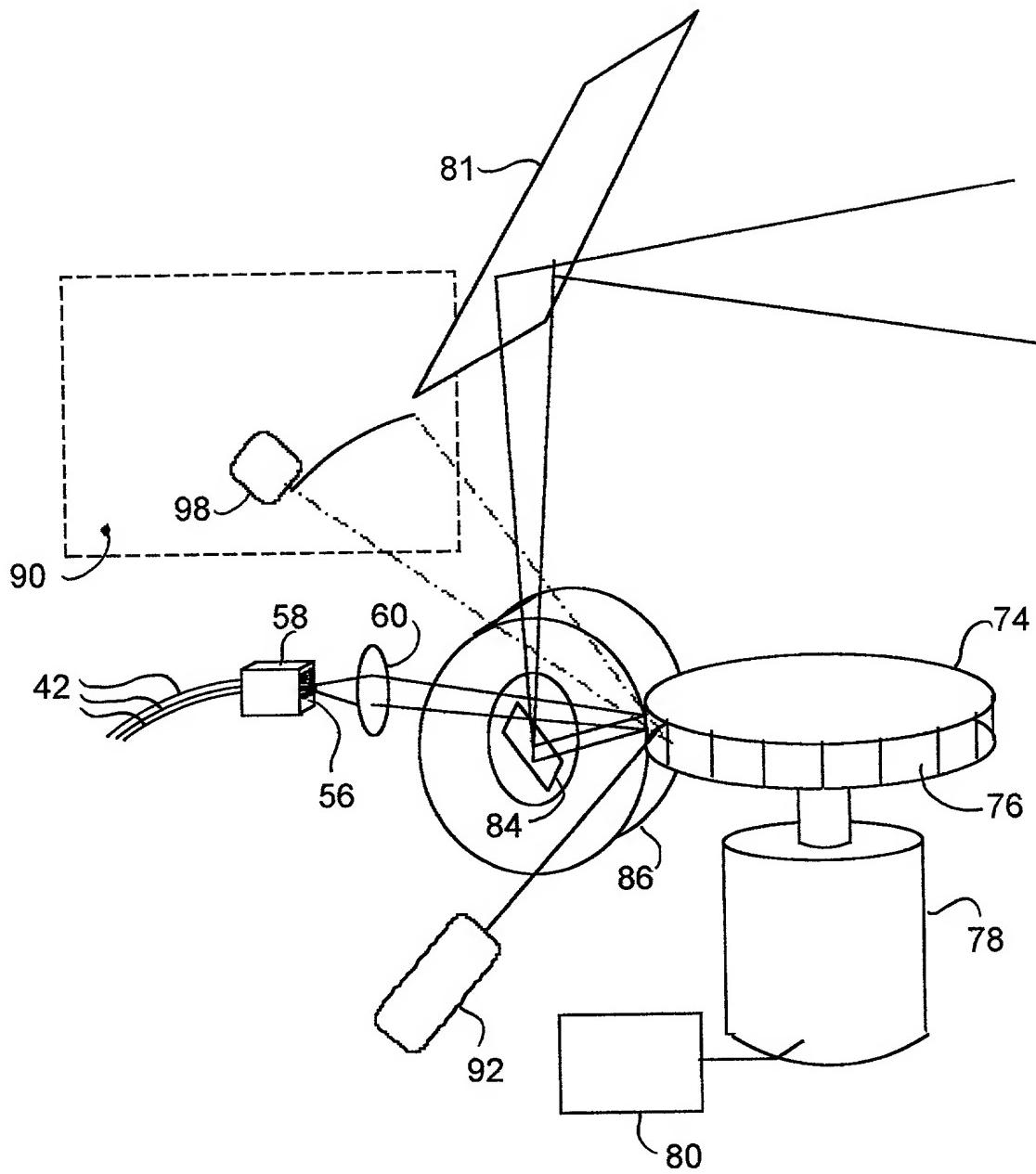


FIG. 9

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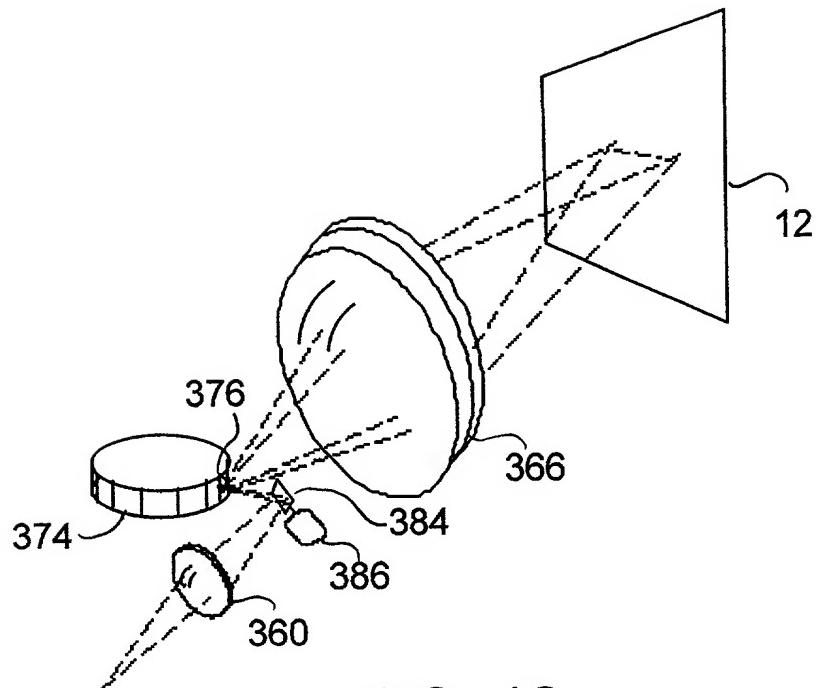


FIG. 10

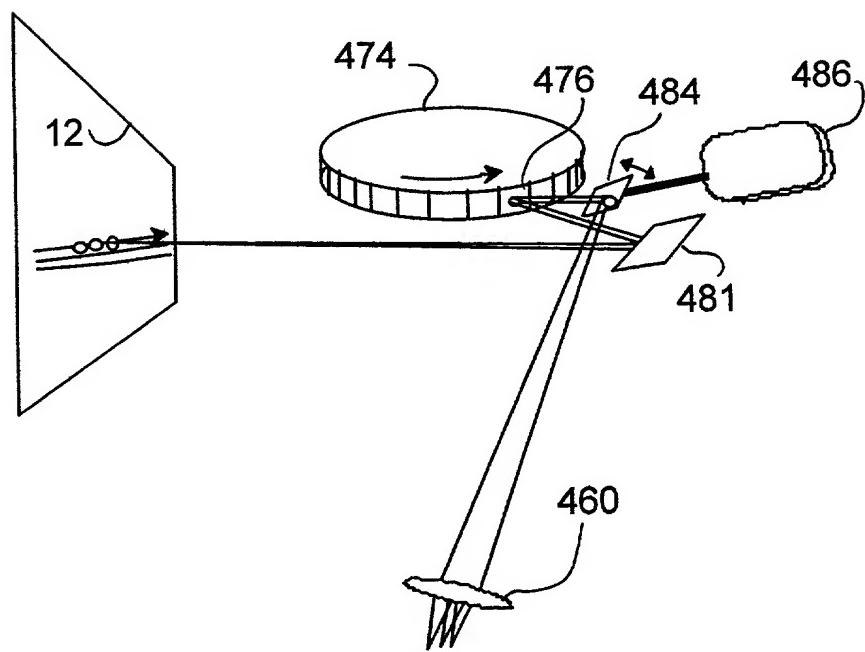
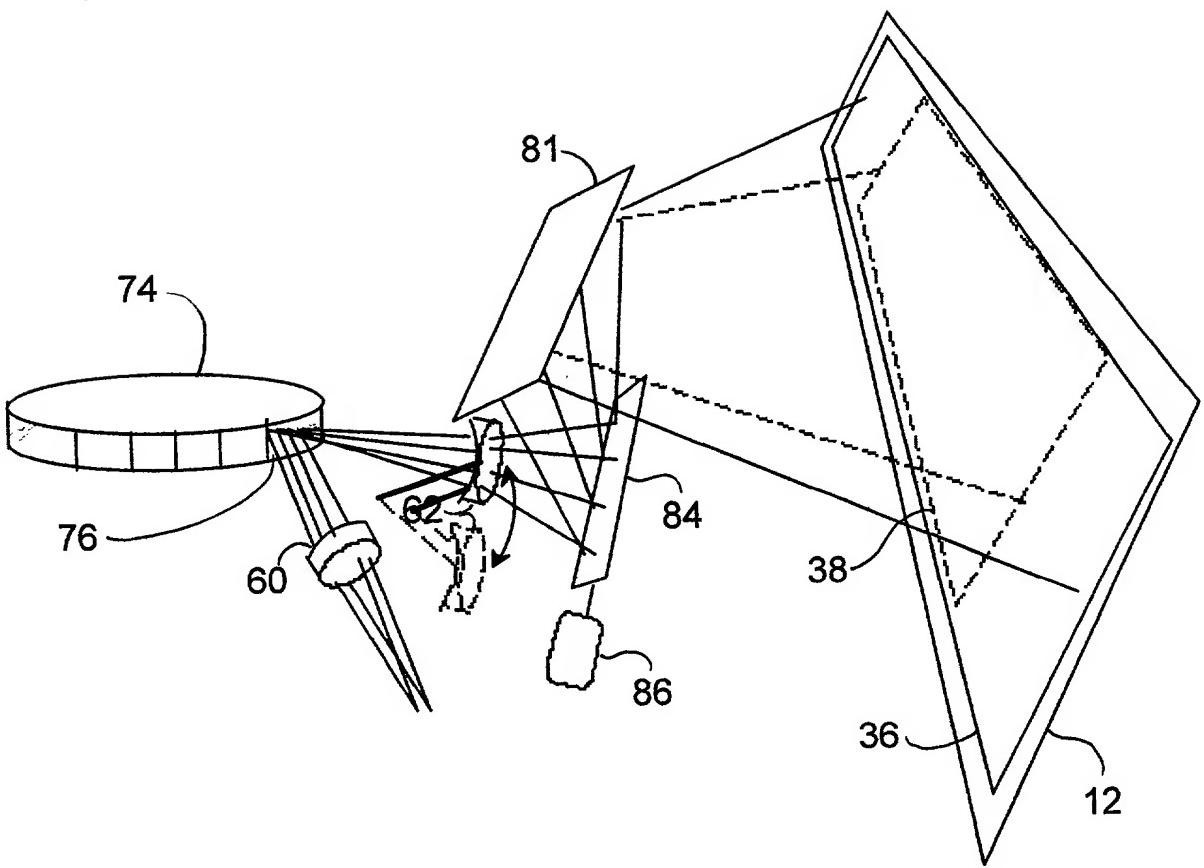


FIG. 11

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**FIG. 12**

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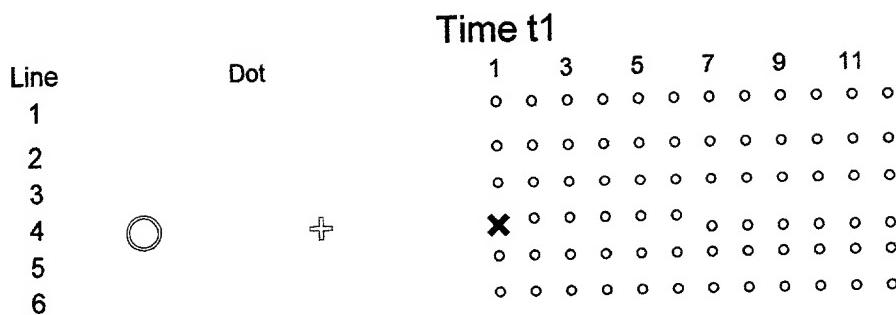


FIG. 13A

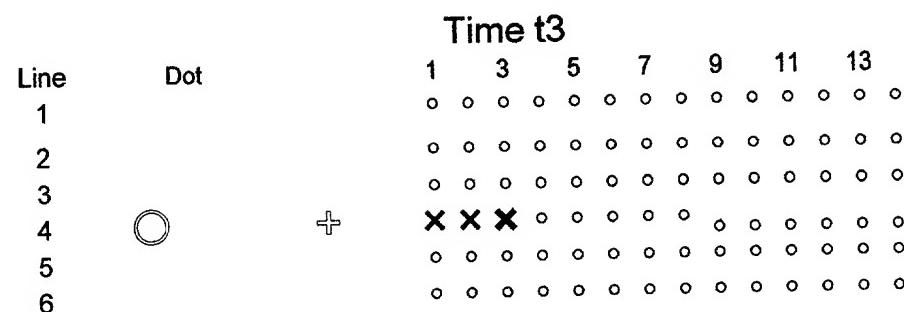


FIG. 13B

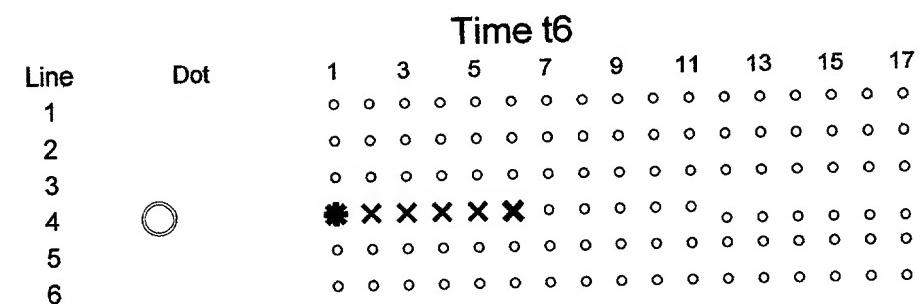


FIG. 13C

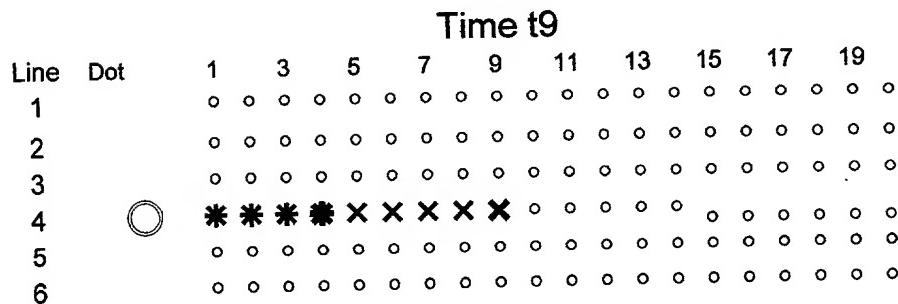


FIG. 13D

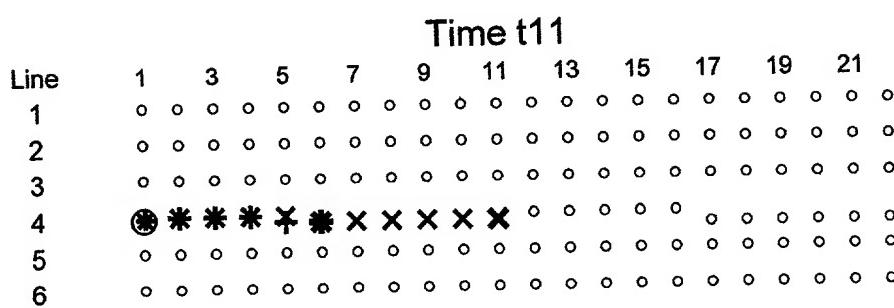


FIG. 13E

× red    + green    ○ blue    \* red+green    ○ red+green+blue

+

+

### Time t1920

Line	Dot	1906	1908	1910	1912	1914	1916	1918	1920
1		○	○	○	○	○	○	○	○
2		○	○	○	○	○	○	○	○
3		○	○	○	○	○	○	○	○
4		⊗	⊗	⊗	⊗	⊗	*	*	*
5		○	○	○	○	○	○	○	○
6		○	○	○	○	○	○	○	○

FIG. 13F

### Time t1922

Line	Dot	1904	1906	1908	1910	1912	1914	1916	1918	1920
1		○	○	○	○	○	○	○	○	○
2		○	○	○	○	○	○	○	○	○
3		○	○	○	○	○	○	○	○	○
4		⊗	⊗	⊗	⊗	⊗	⊗	*	*	*
5		○	○	○	○	○	○	○	○	○
6		○	○	○	○	○	○	○	○	○

FIG. 13G

### Time t1925

Line	Dot	1908	1910	1912	1914	1916	1918	1920
1		○	○	○	○	○	○	○
2		○	○	○	○	○	○	○
3		○	○	○	○	○	○	○
4		⊗	⊗	⊗	⊗	⊗	*	*
5		○	○	○	○	○	○	○
6		○	○	○	○	○	○	○

FIG. 13H

### Time t1927

Line	Dot	1910	1912	1914	1916	1918	1920
1		○	○	○	○	○	○
2		○	○	○	○	○	○
3		○	○	○	○	○	○
4		⊗	⊗	⊗	⊗	⊗	*
5		○	○	○	○	○	○
6		○	○	○	○	○	○

FIG. 13I

### Time t1930

Line	Dot	1912	1914	1916	1918	1920
1		○	○	○	○	○
2		○	○	○	○	○
3		○	○	○	○	○
4		⊗	⊗	⊗	⊗	⊗
5		○	○	○	○	○
6		○	○	○	○	○

FIG. 13J

× red    + green    ○ blue    \* red+green    ⊗ red+green+blue

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Scan Pass				
<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s5</u>
AAA	AAA	AAA	Line	Line
BBB	BBB	2 BBB CCC	2 BBB CCC	2 BBB CCC
Line	Line	4 DDD	4 DDD	4 DDD
CCC	CCC	6 CCC	6 CCC	6 CCC
Line	DDD	8 DDD	8 DDD	8 DDD
2	6	10	10	10
4	8	12	12	12
6	10	14	14	14
8	12	16	16	16
10	14	18	18	18
12	16	20	20	20
14	18	22	22	22
1080	1080	1080	1080	1080

FIG.14A

FIG.14B

FIG.14C

FIG.14D FIG.14E

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FIG.15A FIG.15B FIG.15C FIG.15D FIG.15E

Scan Pass				
<u>s269</u>	<u>s270</u>	<u>s271</u>	<u>s272</u>	<u>s273</u>
Line	Line	Line	Line	Line
1060 DDD	1060 DDD	1064 DDD	1068 DDD	1072 DDD
AAA	AAA	AAA	AAA	AAA
1062 BBB	1062 BBB	1066 BBB	1070 BBB	1074 BBB
CCC	CCC	CCC	CCC	CCC
1064 DDD	1064 DDD	1068 DDD	1072 DDD	1076 DDD
AAA	AAA	AAA	AAA	AAA
1066 BBB	1066 BBB	1070 BBB	1074 BBB	1078 BBB
CCC	CCC	CCC	CCC	CCC
1068 DDD	1068 DDD	1072 DDD	1076 DDD	1080 DDD
1070 BBB	1070 BBB	1074 BBB	1078 BBB	BBB
CCC	CCC	CCC	CCC	
1072 DDD	1072 DDD	1076 DDD	1080 DDD	
1074 CCC	1074 CCC	1078 CCC	CCC	CCC
1076 DDD	1076 DDD	1080 DDD	DDD	DDD
1078 CCC	1078 CCC			
1080 DDD	1080 DDD	DDD	DDD	DDD

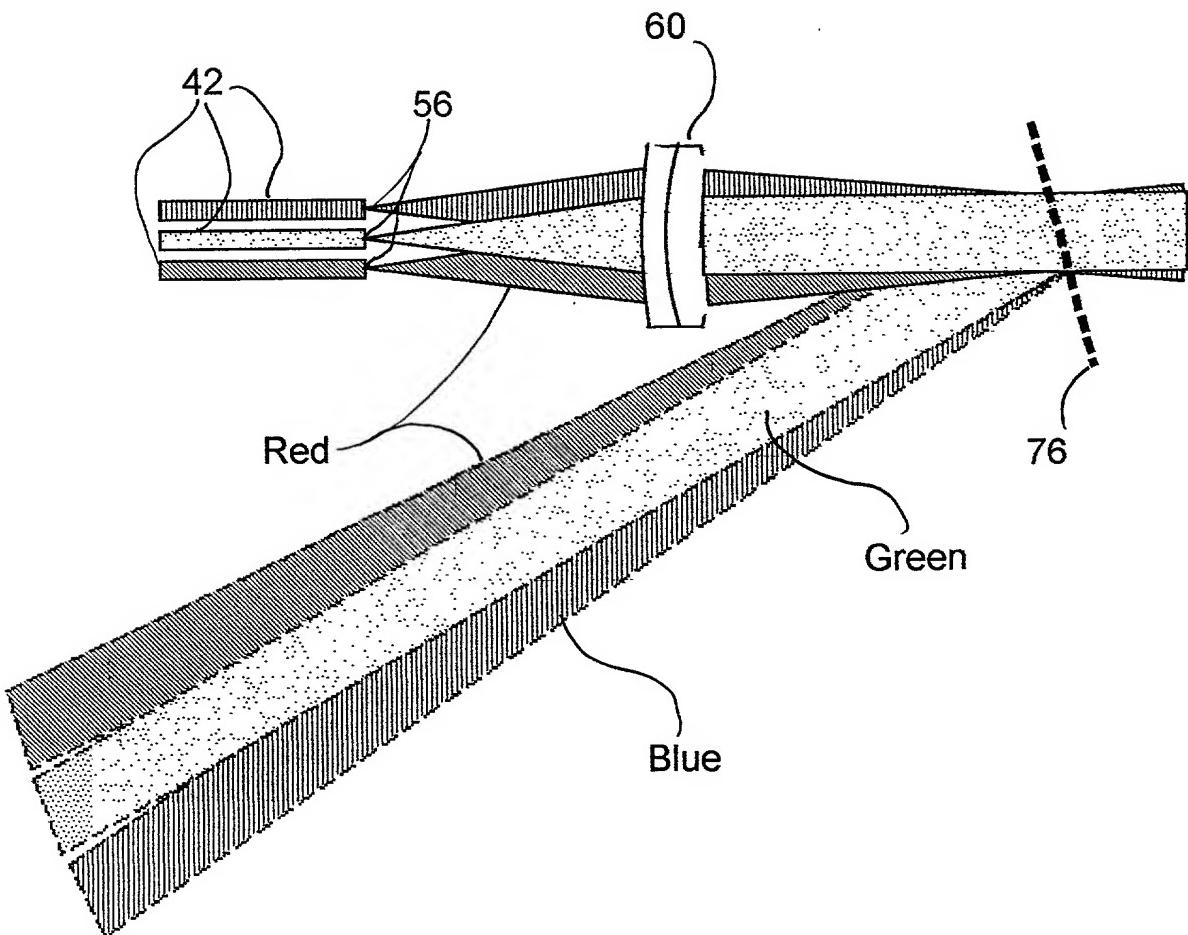


FIG. 16

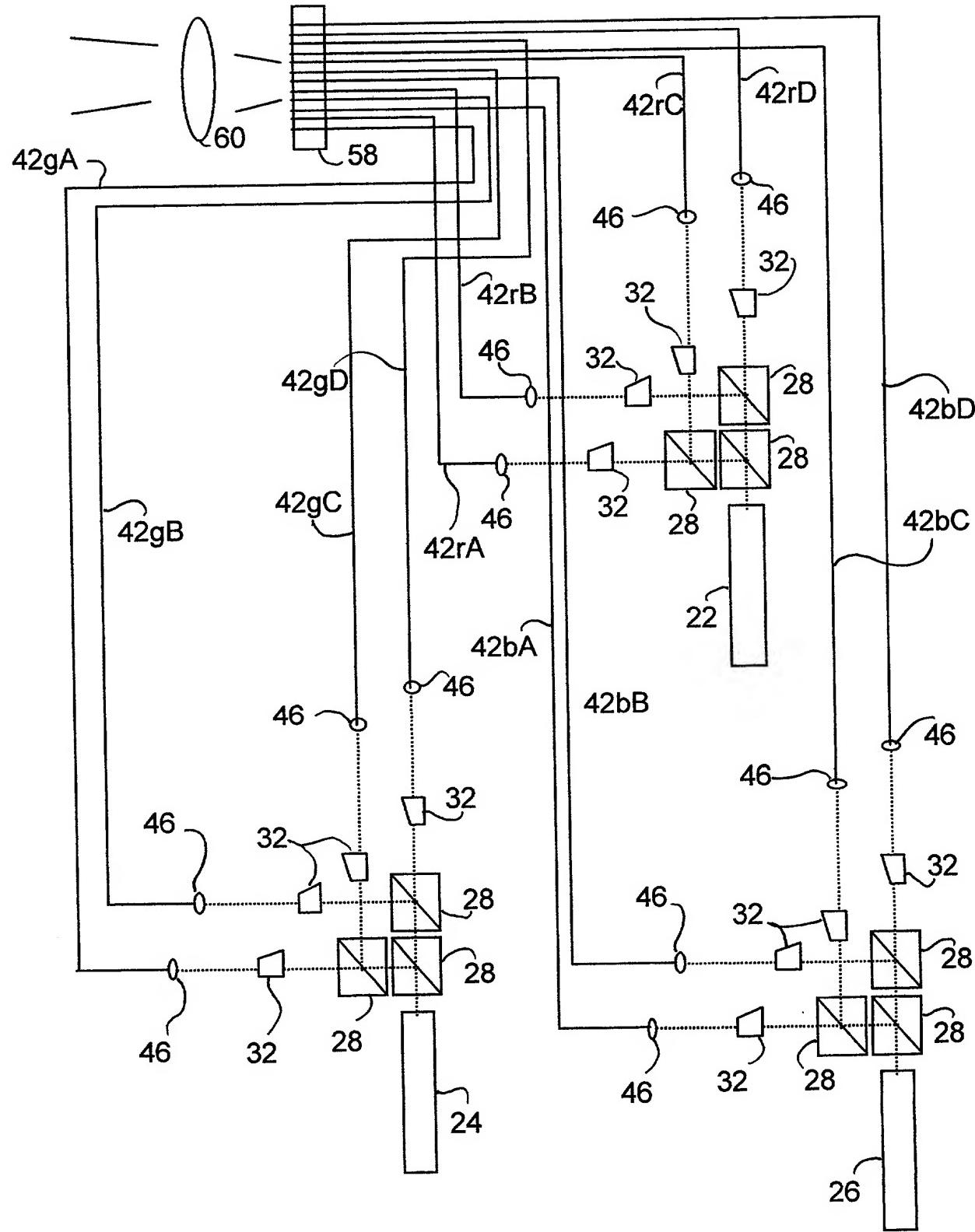


FIG. 17

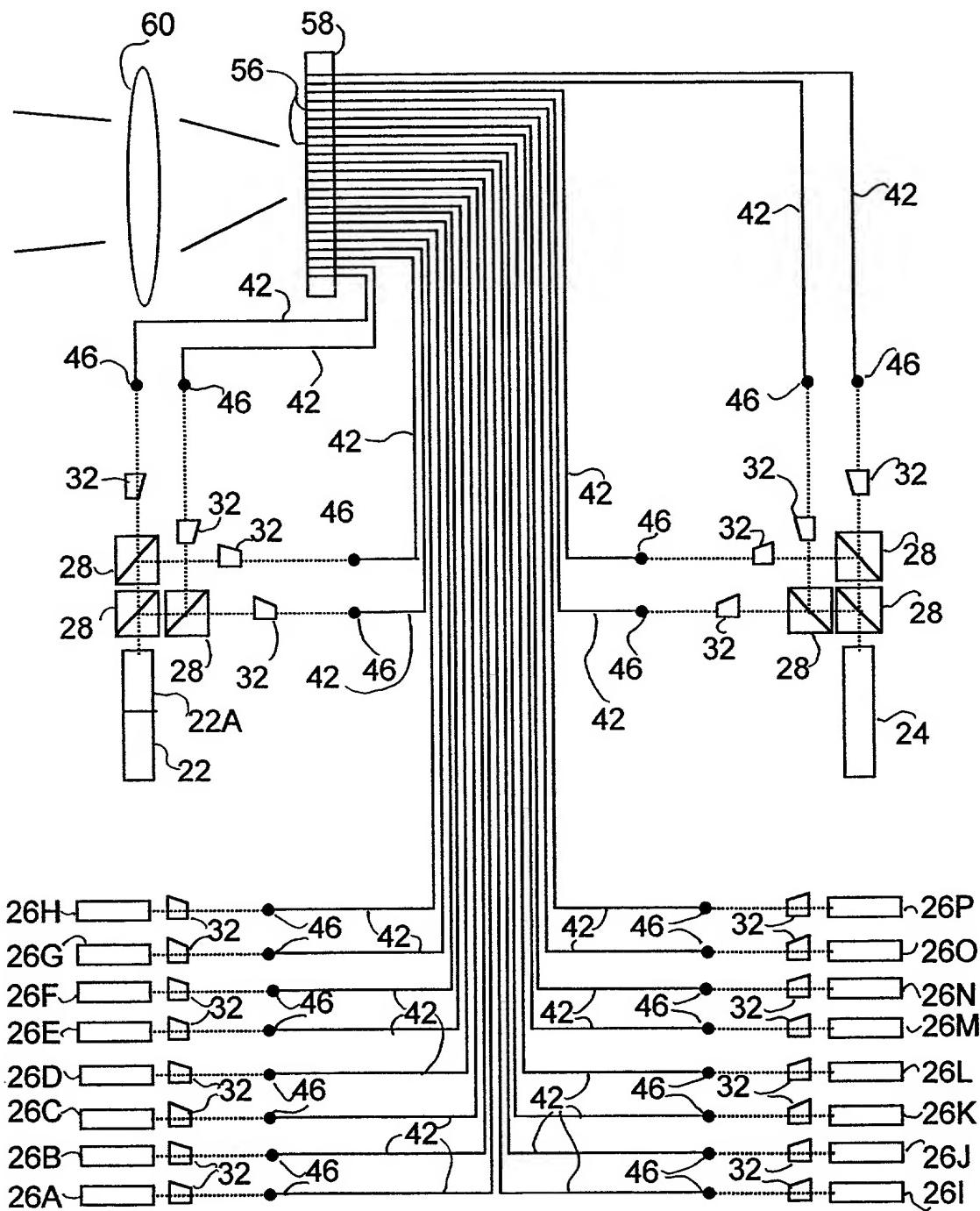


FIG. 18

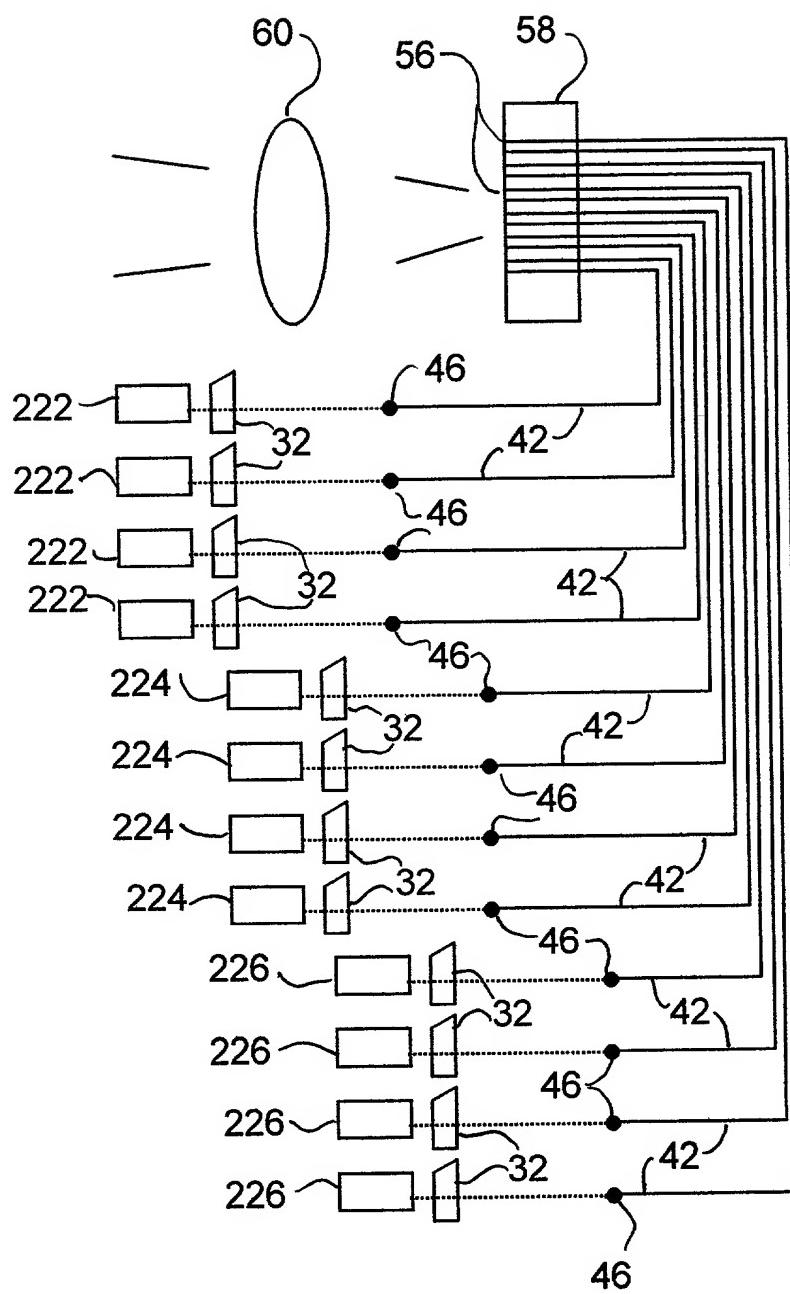


FIG. 19

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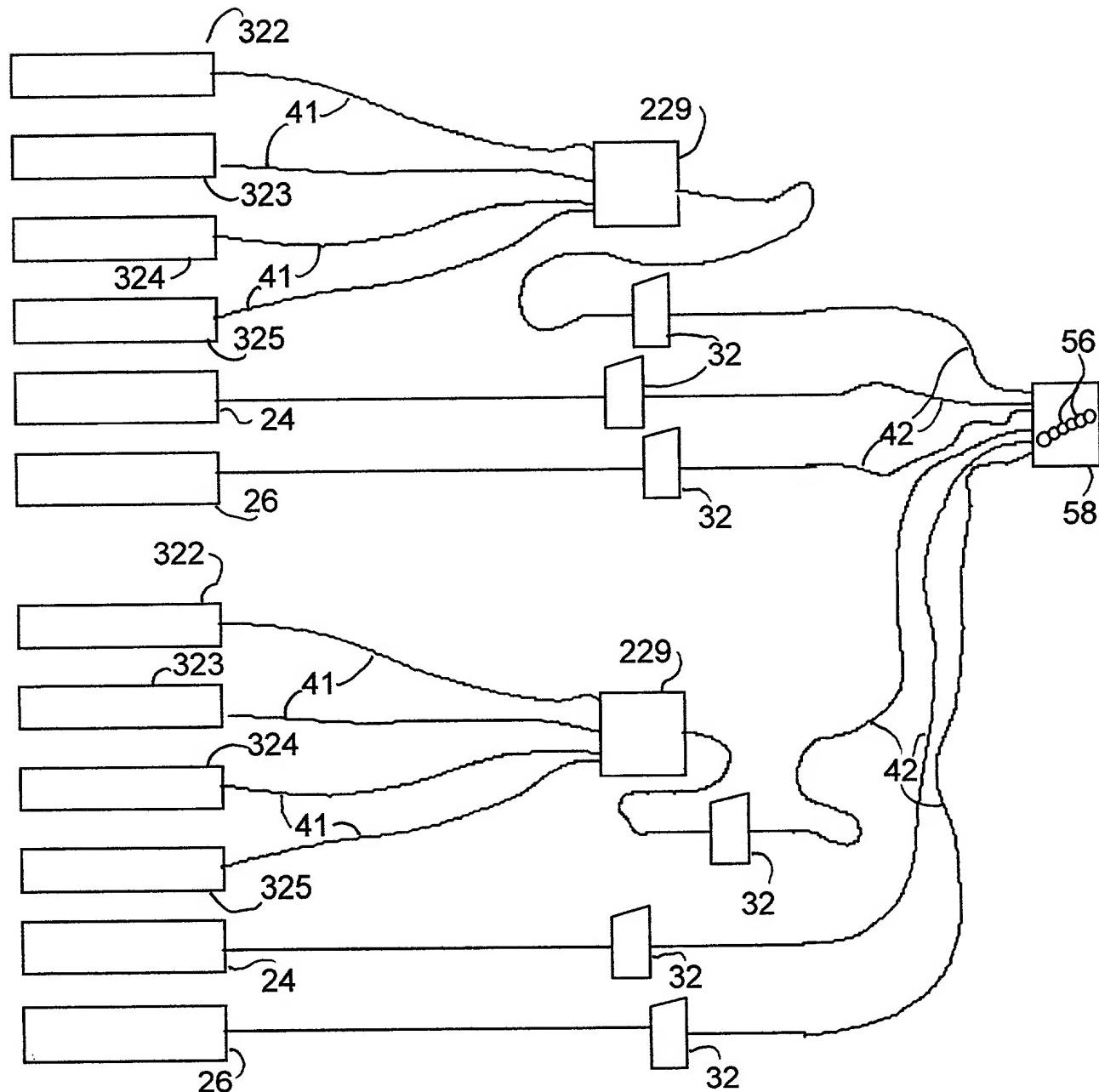
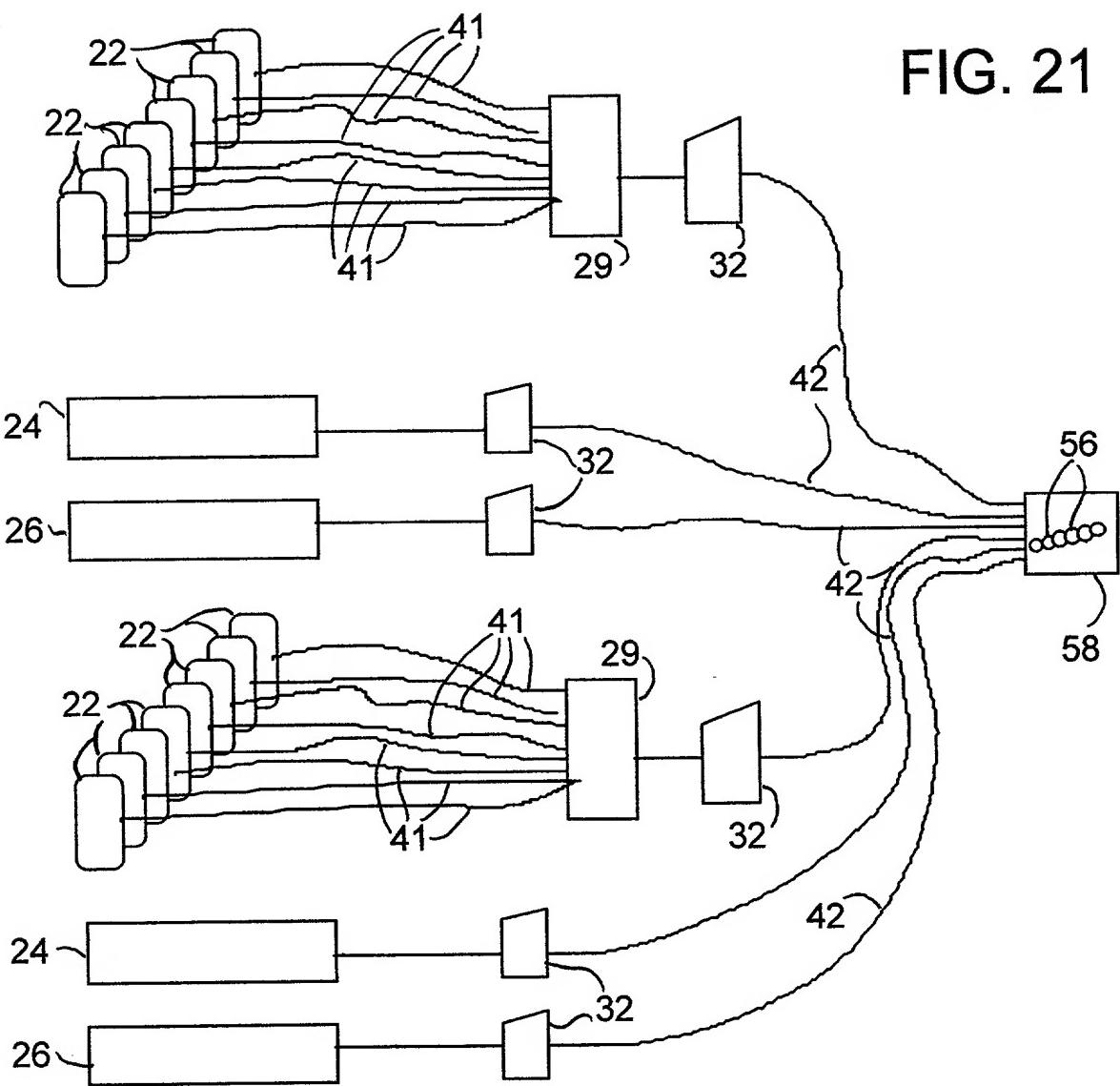


FIG. 20

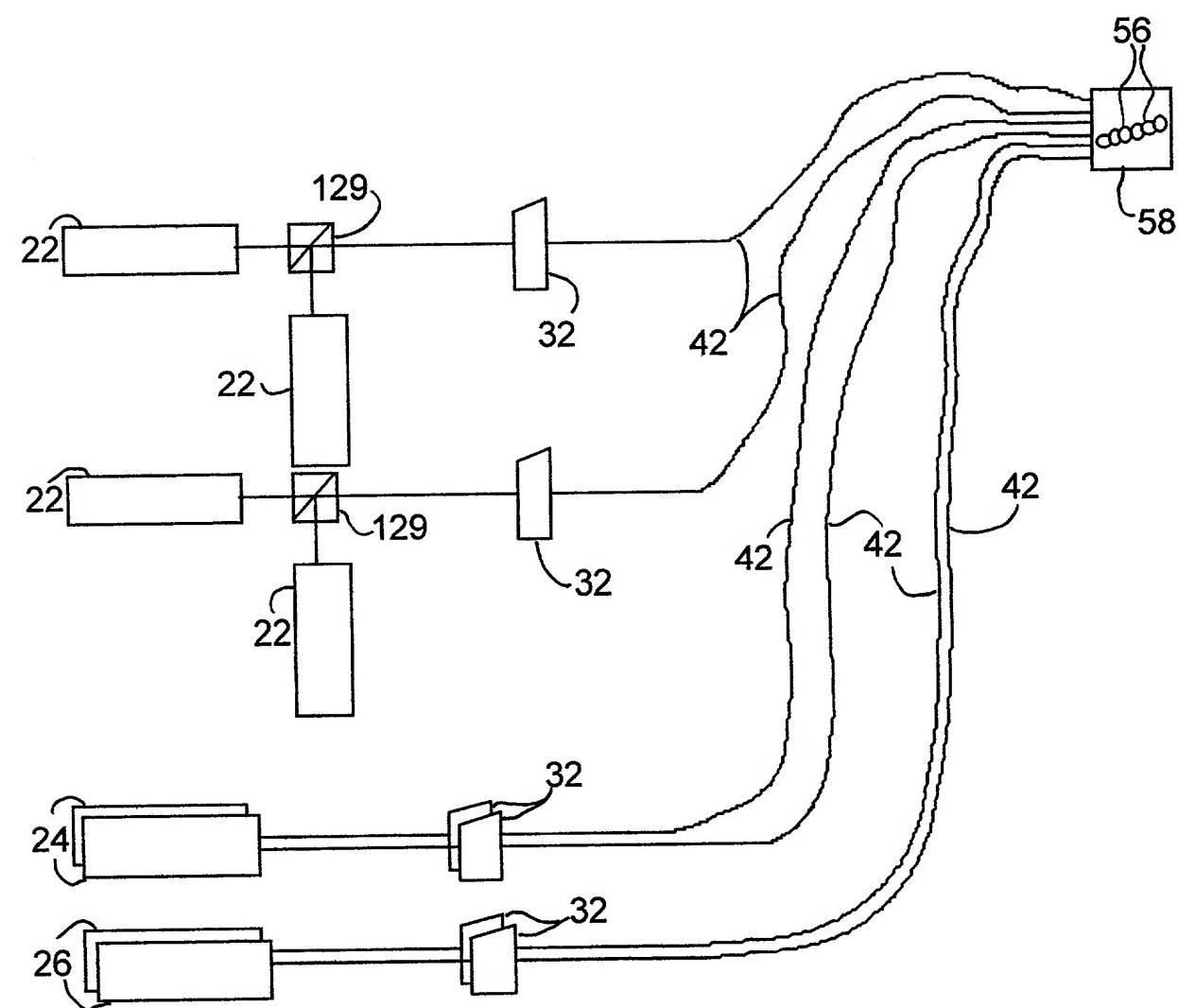
+

FIG. 21



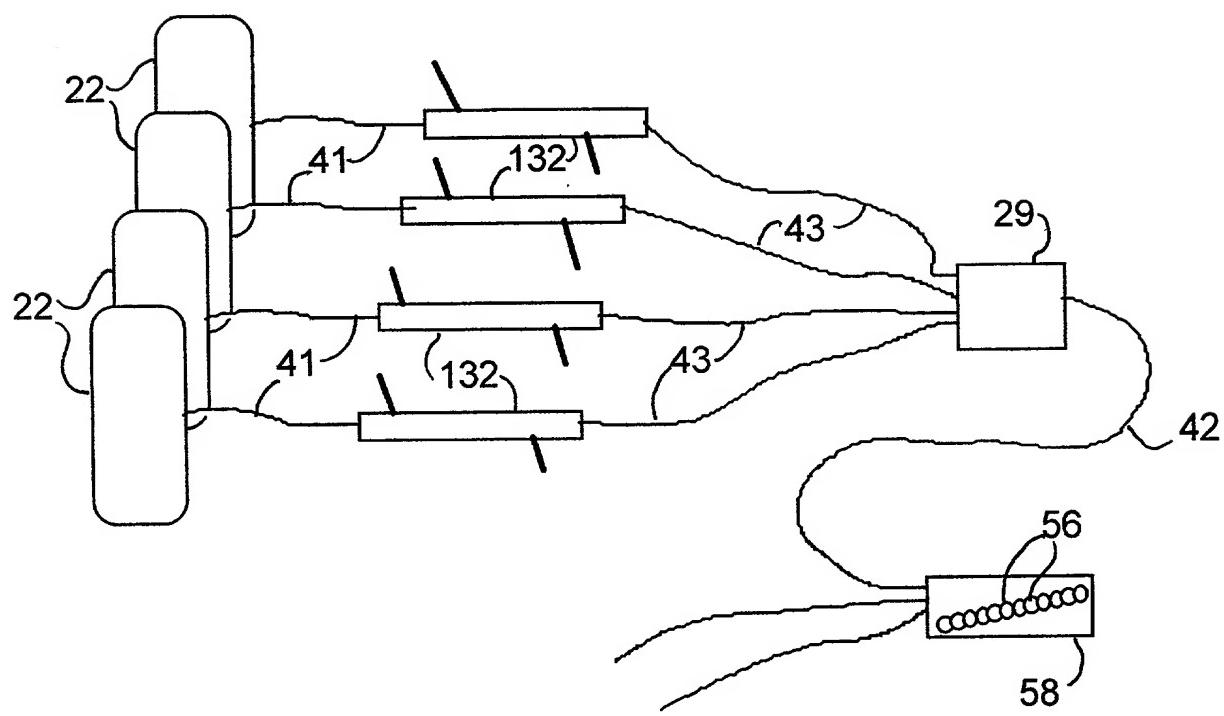
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FIG. 22



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FIG. 23



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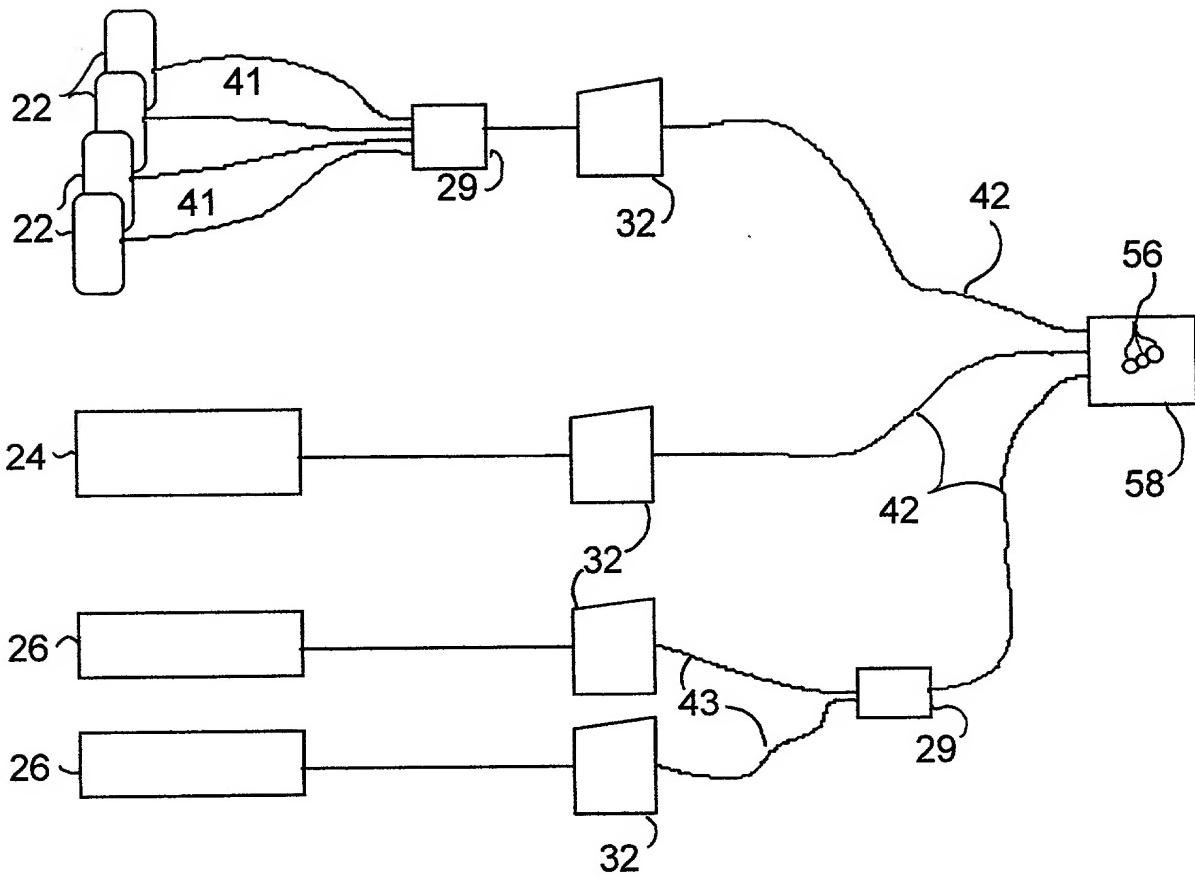
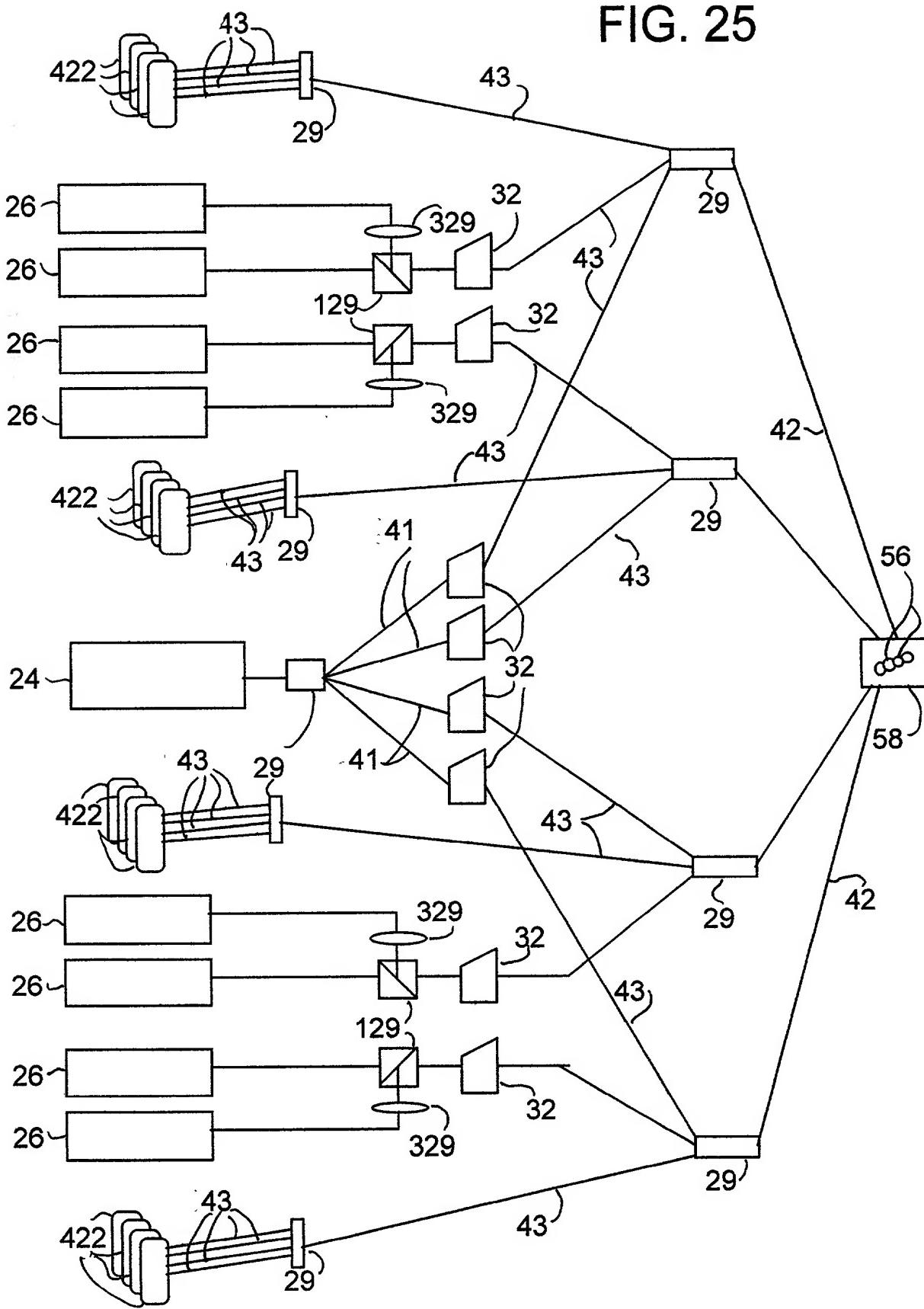


FIG. 24

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**FIG. 25**



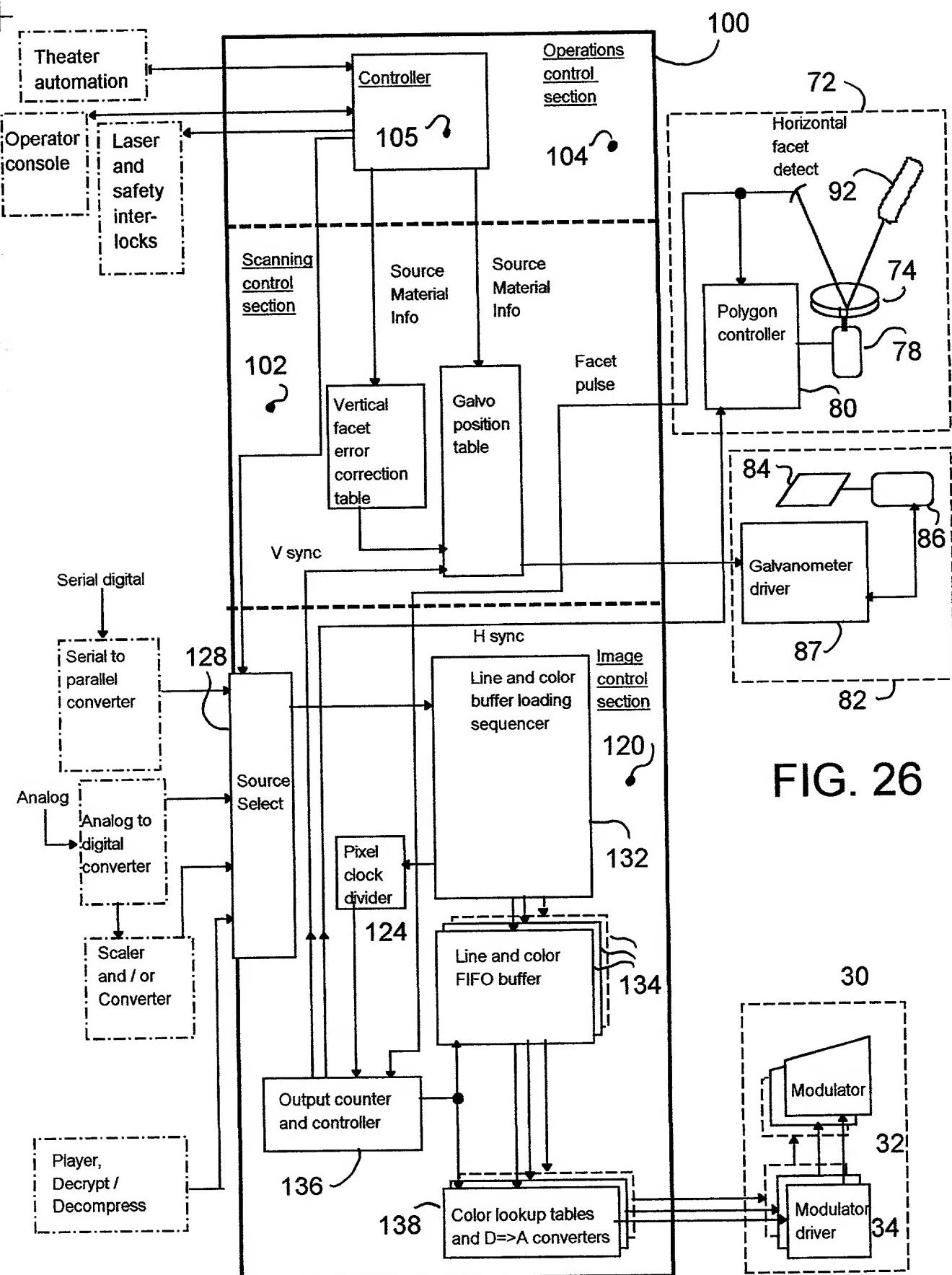


FIG. 26

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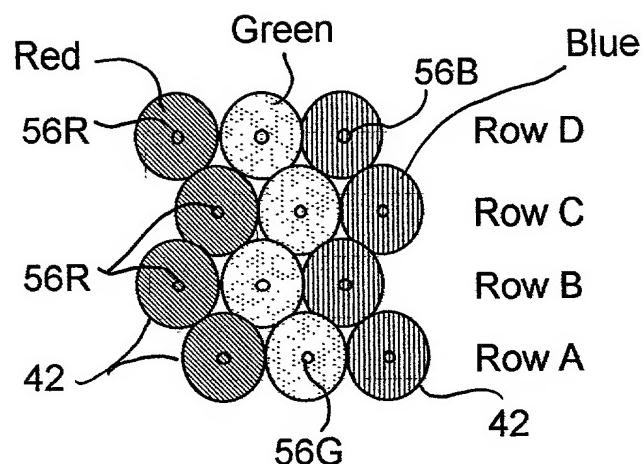


FIG. 27

ERIC Document Reproduction Service

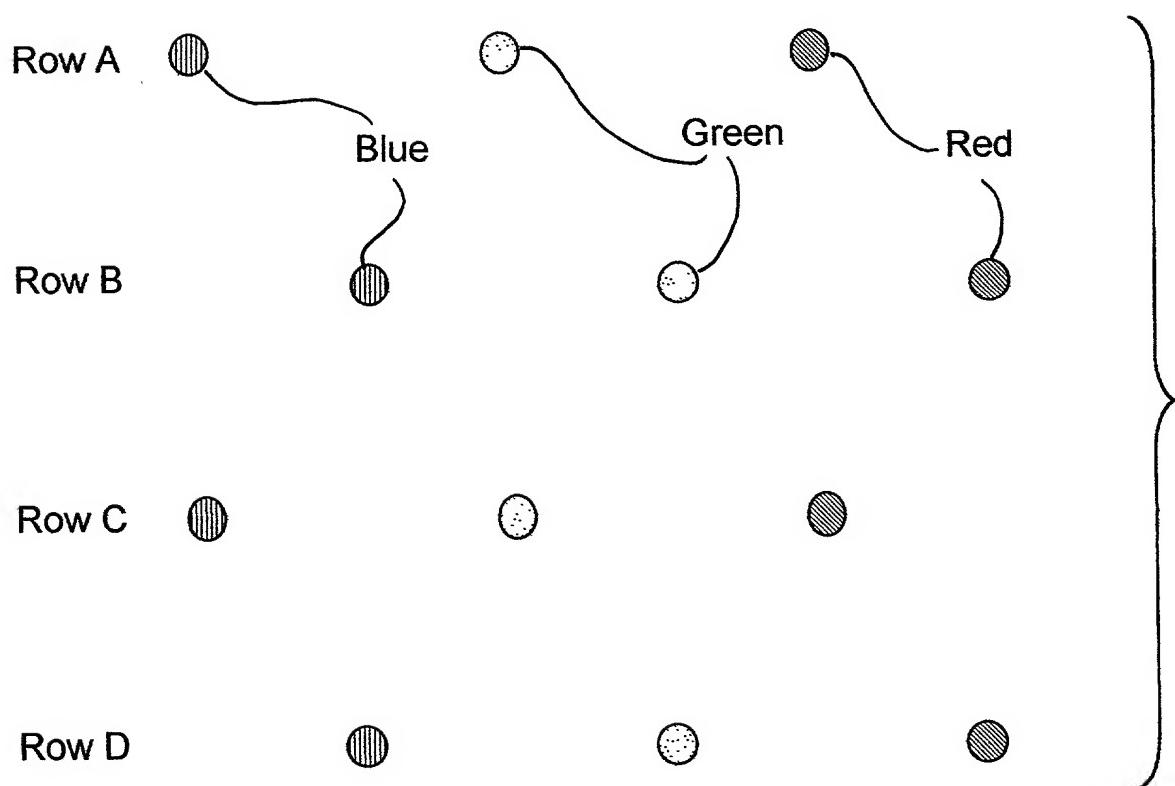


FIG. 27S

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<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s269</u>	<u>s270</u>	<u>s271</u>	<u>s272</u>
AAAA	AAAA	2 CCCC BBBB	2 BBBB AAAA	CCCC 1062 BBBB 1064	DDDD 1062 AAAA 1064	DDDD 1066 AAAA 1068	BBBB 1070 AAAA 1072
◦	◦	4 DDDD CCCC	4 DDDD CCCC	CCCC 1064 CCCC 1066	DDDD 1064 BBBB 1066	DDDD 1068 BBBB 1070	DDDD 1072 CCCC 1074
◦	◦	BBBB 2 BBBB	BBBB 6 BBBB	BBBB 1066 AAAA 1068	BBBB 1066 AAAA 1068	BBBB 1070 AAAA 1072	BBBB 1074 AAAA 1076
◦	◦	4 DDDD CCCC	8 DDDD CCCC	CCCC 1068 CCCC 1070	DDDD 1068 BBBB 1070	DDDD 1072 BBBB 1074	DDDD 1076 CCCC 1078
2	----	6 -----	10 -----	10 BBBB	----- 1072	DDDD 1072 CCCC 1074	BBBB 1078 AAAA 1080
4	DDDD	8 DDDD	12 DDDD	12 DDDD CCCC 1074	12 DDDD CCCC 1074	CCCC 1076 BBBB 1078	CCCC 1080 BBBB 1080
6	-----	10 -----	14 -----	14 -----	----- 1074	BBBB 1078	----- 1080
8	-----	12 -----	16 -----	16 -----	1076 DDDD	1076 DDDD CCCC 1078	CCCC 1080 CCCC 1080
10	-----	14 -----	18 -----	18 -----	1078 -----	1078 DDDD	1080 DDDD CCCC 1080
					1080 DDDD		
28A	28B	28C	28D	28E	28F	28G	28H

FIGs. 28A-28H

+-----+-----+-----+-----+-----+-----+-----+-----+

<u>s1</u>	<u>s2</u>	<u>s4</u>	<u>s5</u>	<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>
AAAA	AAAA	AAAA	-----	AAAA	AAAA	AAAA	DDDD 2 CCCC
◦	◦	◦	2 -----	◦	◦	◦	BBBB 2 BBBB
◦	◦	◦	2 -----	◦	◦	◦	AAAA 4 AAAA
BBBB	BBBB	4 BBBB	4 AAAA	BBBB	BBBB	BBBB 6 DDDD	CCCC 6 CCCC
◦	-----	-----	-----	◦	◦	◦	CCCC 8 BBBB
◦	2 -----	6 -----	6 -----	◦	◦	◦	----- 10 -----
CCCC	4 CCCC	8 CCCC	8 BBBB	◦	◦	◦	DDDD 6 DDDD
2	-----	6 -----	10 -----	◦	◦	◦	CCCC 12 CCCC
4	DDDD	8 DDDD	12 DDDD	12 CCCC	2 CCCC	8 -----	CCCC 12 CCCC
6	-----	10 -----	14 -----	14 -----	◦	4 -----	----- 14 -----
8	-----	12 -----	16 -----	16 DDDD	◦	4 -----	DDDD 10 DDDD
10	-----	14 -----	18 -----	18 -----	◦	10 -----	DDDD 16 DDDD
12	-----	16 -----	20 -----	20 -----	2 -----	8 -----	2 ----- 12 -----
					4 -----	6 -----	8 ----- 18 -----
29A	29B	29C	29D	30A	30B	30C	30D

FIGs. 29A-29D

FIGs. 30A-30D

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Scan Pass s3		Time t1		
Line	Dot	1	3	5
1		○	○	○
2		○	○	○
3	Ba	Ga	Ra	○
4			○	○
5			○	○
6	Bb	Gb	Rb	○
7			○	○
8			○	○
9	Bc	Gc	Rc	○
10			○	○
11			○	○
12	Bd	Gd	Rd	○
13			○	○

FIG. 31A

Scan Pass s3		Time t3			
Line	Dot	1	3	5	7
1		○	○	○	○
2		○	○	○	○
3	Ba	Ga	Ra	○	○
4			○	○	○
5			○	○	○
6	Bb	Gb	Rb	Rb	○
7			○	○	○
8			○	○	○
9	Bc	Gc	Rc	○	○
10			○	○	○
11			○	○	○
12	Bd	Gd	Rd	Rd	○
13			○	○	○

FIG. 31B

Scan Pass s3		Time t5				
Line	Dot	1	3	5	7	9
1		○	○	○	○	○
2		○	○	○	○	○
3	Ba	Ga	Ra	Ra	Ra	○
4			○	○	○	○
5			○	○	○	○
6	Bb	GR	Rb	Rb	Rb	Rb
7			○	○	○	○
8			○	○	○	○
9	Bc	Gc	Rc	Rc	Rc	○
10			○	○	○	○
11			○	○	○	○
12	Bd	GR	Rd	Rd	Rd	Rd
13			○	○	○	○

FIG. 31C

Scan Pass s3		Time t11						
Line	1	3	5	7	9	11	13	15
1	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○
3	B-R	B-R	B-R	GR	GR	GR	Ra	Ra
4	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○
6	B-R	B-R	B-R	B-R	GR	GR	GR	Rb
7	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○
9	B-R	B-R	B-R	GR	GR	GR	Rc	Rc
10	○	○	○	○	○	○	○	○
11	○	○	○	○	○	○	○	○
12	B-R	B-R	B-R	B-R	GR	GR	GR	Rd
13	○	○	○	○	○	○	○	○

FIG. 31D

Scan Pass s3		Time t1920						
Line	1908	1910	1912	1914	1916	1918	1920	
1	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○
3	B-R	B-R	B-R	GR	GR	GR	Ra	Ra
4	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○
6	B-R	B-R	B-R	B-R	GR	GR	Rb	Rb
7	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○
9	B-R	B-R	B-R	GR	GR	GR	Rc	Rc
10	○	○	○	○	○	○	○	○
11	○	○	○	○	○	○	○	○
12	B-R	B-R	B-R	B-R	GR	GR	GR	Rd
13	○	○	○	○	○	○	○	○

FIG. 31E

Scan Pass s3		Time t1930						
Line	1918	1920	Ga	Ra	Gb	Rb	Gc	Rc
1	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○
3	B-R	B-R	B-R	B-R	○	○	○	○
4	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○
6	B-R	B-R	B-R	B-R	○	○	○	○
7	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○
9	B-R	B-R	B-R	GR	GR	GR	Rc	Rc
10	○	○	○	○	○	○	○	○
11	○	○	○	○	○	○	○	○
12	B-R	B-R	B-R	B-R	GR	GR	Rd	Rd
13	○	○	○	○	○	○	○	○

FIG. 31F

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## FIGS. 32A-32H

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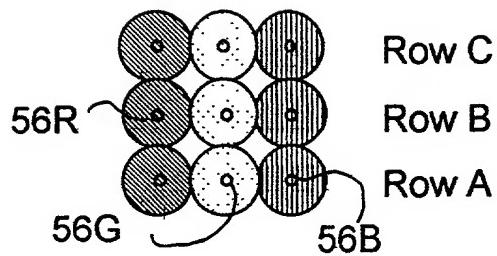


FIG. 33

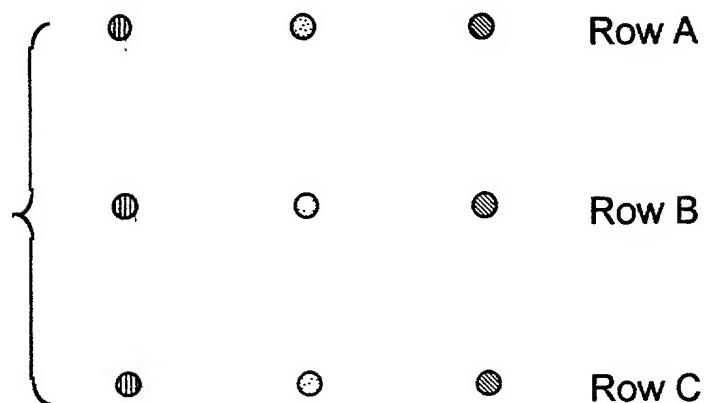


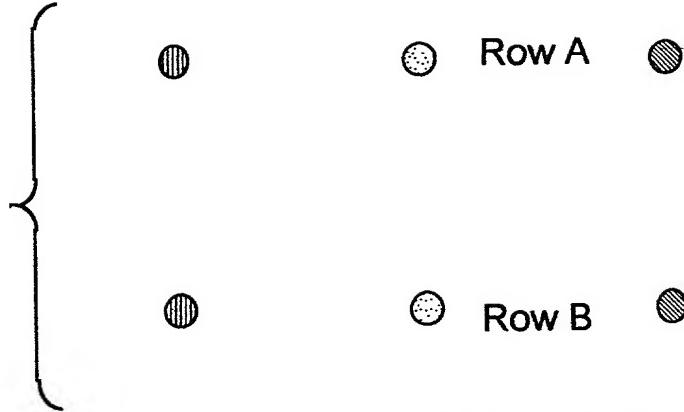
FIG. 33S

+-----+-----+-----+-----+-----+-----+-----+-----+

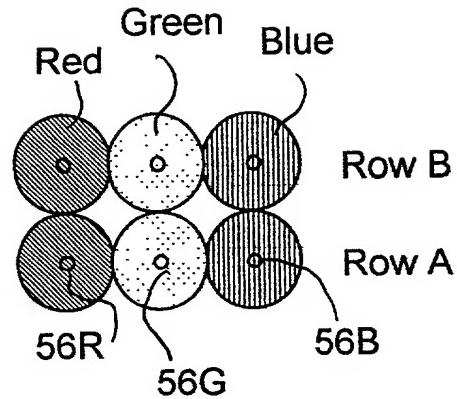
<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s359</u>	<u>s360</u>	<u>s361</u>	<u>s362</u>
AAAA				1066 AAAA	1066 AAAA	1068 CCCC	1068 CCCC
◦				BBBB	BBBB	AAAA	AAAA
◦				1068 CCCC	1068 CCCC	1070 BBBB	1070 BBBB
◦	AAAA			AAAA	AAAA	CCCC	CCCC
BBBB	◦			1070 BBBB	1070 BBBB	1072 AAAA	1072 AAAA
◦	◦			CCCC	CCCC	BBBB	BBBB
-----	2 BBBB	2 BBBB	2 BBBB	1072 -----	1072 AAAA	1074 CCCC	1074 CCCC
2 CCCC	CCC	CCC	CCC	BBBB	BBBB	AAAA	AAAA
4 -----	4 -----	4 -----	4 -----	1074 CCCC	1074 CCCC	1076 BBBB	1076 BBBB
6 -----	6 CCCC	6 CCCC	6 CCCC	4 AAAA	-----	CCCC	CCCC
-----	6 -----	6 -----	6 -----	BBBB	1076 BBBB	1078 -----	1078 AAAA
34A	8 -----	8 -----	8 -----	1076 CCCC	1076 CCCC	BBBB	BBBB
-----	8 -----	8 -----	8 -----	1078 -----	1078 -----	1080 CCCC	1080 CCCC
34B	10 -----	10 -----	10 -----	1080 -----	1080 CCCC	◦	◦
-----	10 -----	10 -----	10 -----	-----	-----	CCCC	BBBB
34C	12 -----	12 -----	12 -----	34E	34F	34G	34H
-----	12 -----	12 -----	12 -----	-----	-----	-----	-----
34D	14 -----	14 -----	14 -----	-----	-----	-----	-----

FIGs. 34A-34H

+



**FIG. 35S**



**FIG. 35**

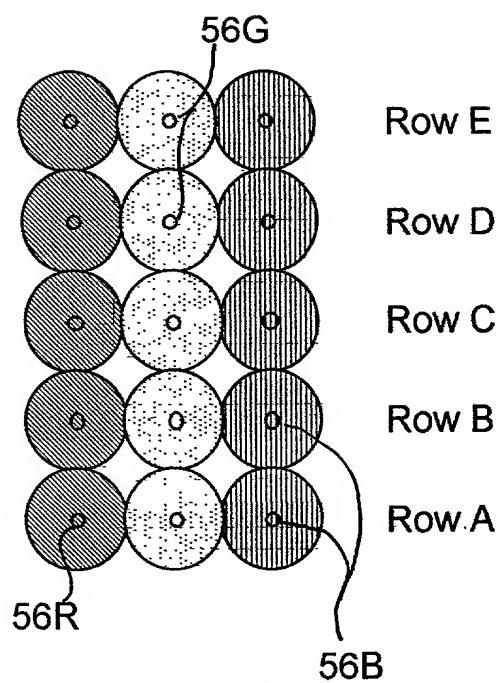
<u>s1</u>	<u>s2</u>	<u>s4</u>	<u>s5</u>	<u>s539</u>	<u>s540</u>	<u>s543</u>	<u>s544</u>
AAAA				1064 BBBB	1064 BBBB	1064 BBBB	1064 BBBB
o				AAA	AAA	AAA	AAA
o	AAAA			1066 BBBB	1066 BBBB	1066 BBBB	1066 BBBB
o	o			AAA	AAA	AAA	AAA
o	o			1068 BBBB	1068 BBBB	1068 BBBB	1068 BBBB
o	o			AAA	AAA	AAA	AAA
o	o			1070 BBBB	1070 BBBB	1070 BBBB	1070 BBBB
o	o			AAA	AAA	AAA	AAA
		AAAA		1072 BBBB	1072 BBBB	1072 BBBB	1072 BBBB
2 BBBB	2 BBBB	2 BBBB	2 BBBB	1072 BBBB	1072 BBBB	1072 BBBB	1072 BBBB
4 -----	4 BBBB	4 BBBB	4 BBBB	1074 BBBB	1074 BBBB	1074 BBBB	1074 BBBB
6 -----	6 -----	6 BBBB	6 BBBB	1076 BBBB	1076 BBBB	1076 BBBB	1076 BBBB
8 -----	8 -----	8 BBBB	8 BBBB	1078 BBBB	1078 BBBB	1078 BBBB	1078 BBBB
36A	10 -----	10 -----	10 BBBB	1080 BBBB	1080 BBBB	1080 BBBB	1080 BBBB
36B	12 -----	12 -----		36E	36F	o	o
	14 -----	14 -----				o	o
		16 -----				BBB	o
		36C				36G	BBB
			36D				36H

**FIGs.36A-36H**

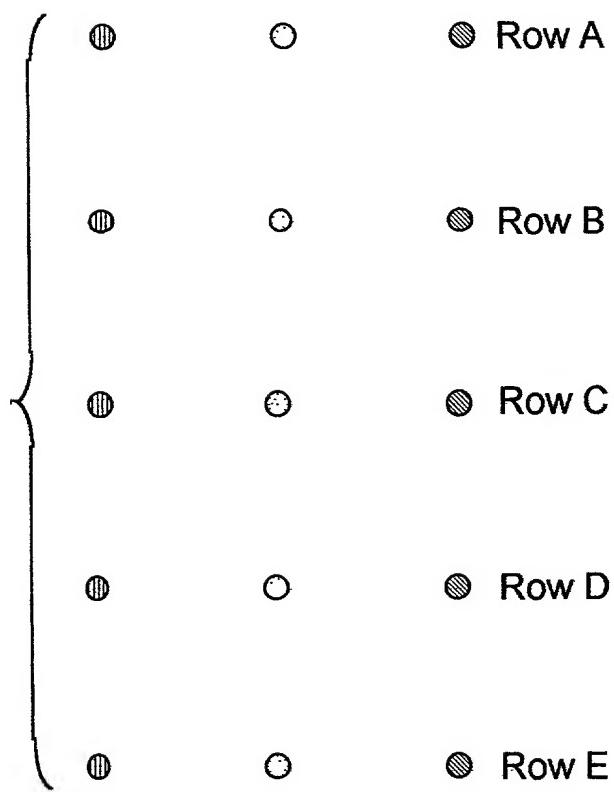
<u>s1</u>	<u>s2</u>	<u>s4</u>	<u>s5</u>	<u>s6</u>	<u>s7</u>	<u>s9</u>	<u>s10</u>
AAAA	AAAA	AAAA	AAAA	AAAA	AAAA	BBB	BBBB
o	o	o	o	o	o	2 AAAA	2 AAAA
o	o	o	o	o	o	CCC	CCCC
o	o	o	o	o	o	4 DDDD	4 DDDD
o	o	o	o	o	o	BBB	BBBB
o	o	o	o	o	o	6 AAAA	6 AAAA
o	o	o	o	o	o	CCC	CCCC
o	o	o	o	o	o	8 DDDD	8 DDDD
o	o	o	o	o	o	BBB	BBBB
o	o	o	o	o	2 BBBB	10 CCC	10 CCCC
o	o	o	o	o	4 DDDD	12 DDDD	12 DDDD
o	o	o	o	o	BBB	BBB	BBB
o	o	o	o	o	6 CCC	14 CCC	14 CCC
o	o	o	o	o	8 DDDD	16 DDDD	16 DDDD
o	o	o	o	o	10 CCC	18 CCC	18 CCC
o	o	o	o	o	12 DDDD	20 DDDD	20 DDDD
o	o	o	o	o	14 CCC	22 CCC	22 CCC
o	o	o	o	o	16 DDDD	24 DDDD	24 DDDD
o	o	o	o	o	18 CCC	26 CCC	26 CCC
o	o	o	o	o	20 DDDD	28 DDDD	28 DDDD
o	o	o	o	o	22 CCC	30 CCC	30 CCC
o	o	o	o	o	24 DDDD	32 DDDD	32 DDDD
o	o	o	o	o	26 CCC	34 CCC	34 CCC
o	o	o	o	o	28 DDDD	36 DDDD	36 DDDD
o	o	o	o	o	30 CCC	38 CCC	38 CCC
o	o	o	o	o	32 DDDD	40 DDDD	40 DDDD
o	o	o	o	o	34 CCC	38 CCC	38 CCC
o	o	o	o	o	36 DDDD	40 DDDD	40 DDDD
o	o	o	o	o	38 CCC	40 CCC	40 CCC
o	o	o	o	o	40 DDDD	40 DDDD	40 DDDD
2	6	14	18	22	26	34	34
4	8	16	20	24	28	36	36
6	10	18	22	26	30	38	38
8	12	20	24	28	32	40	40
37A	37B	37C	37D	37E	37F	37G	37H

FIGs. 37A-37H

+



**FIG. 38**



**FIG. 38S**

+

## FIGS. 39A-39J

+

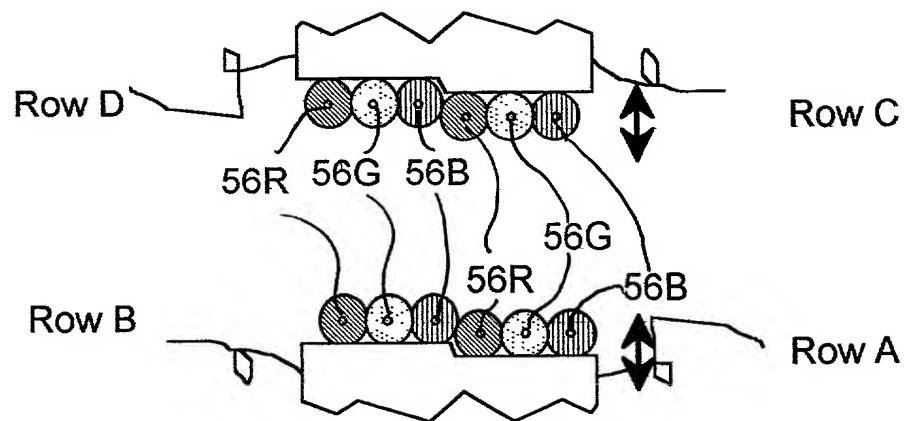


FIG. 40

EDD TOEED EEECEAEEOT

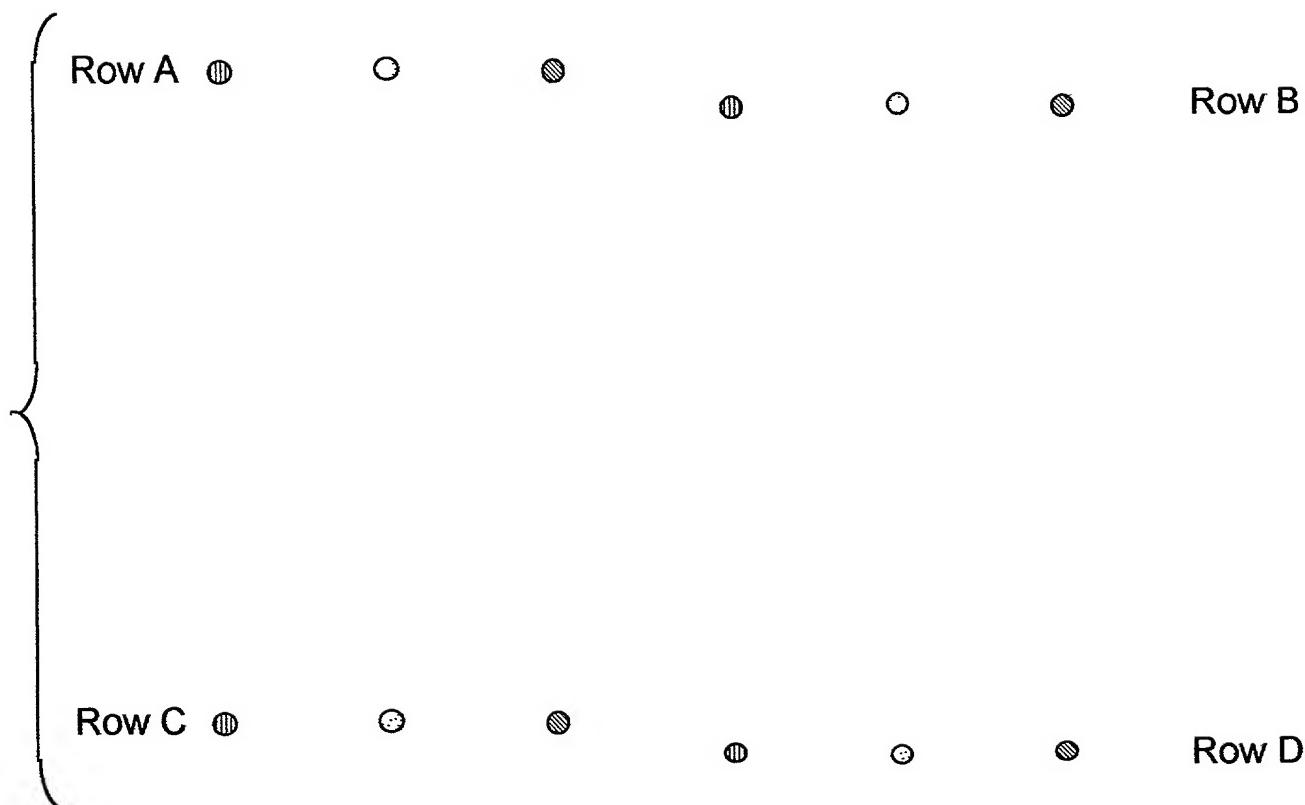


FIG. 40S

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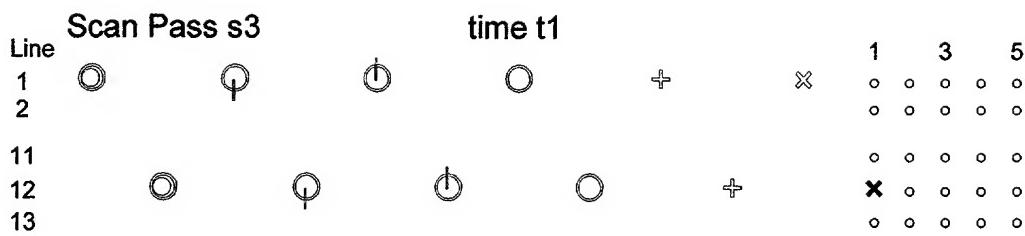


FIG. 41A

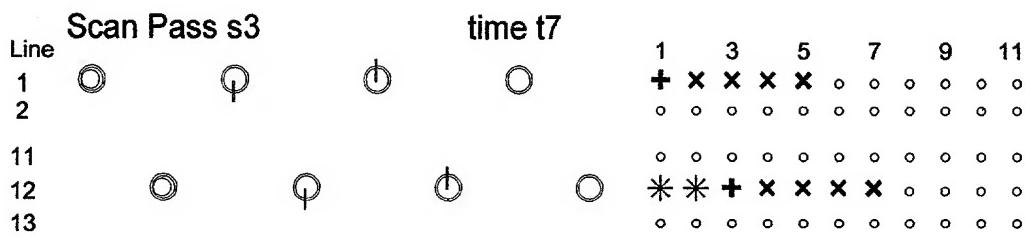


FIG. 41B

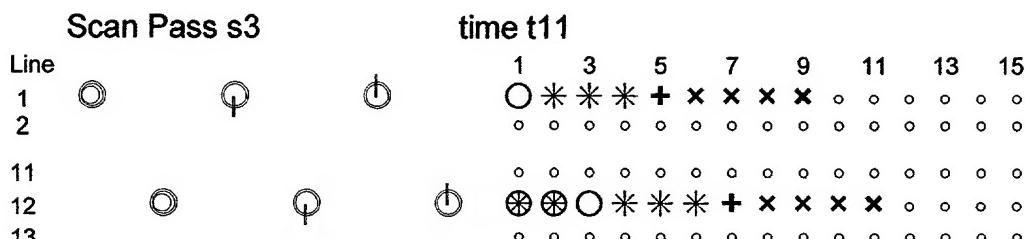


FIG. 41C

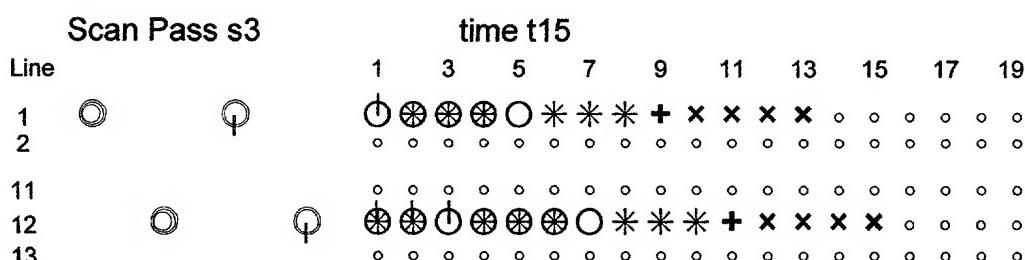


FIG. 41D

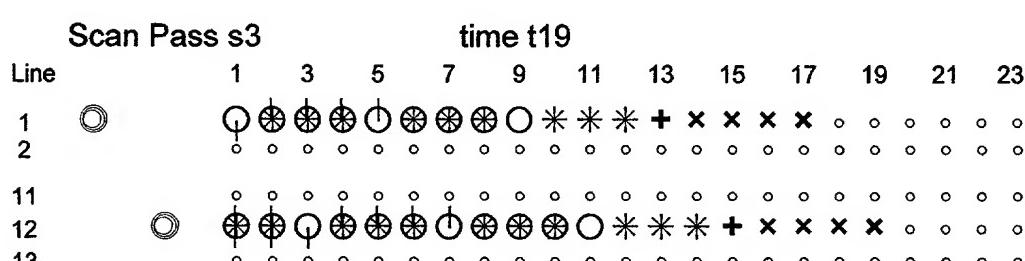


FIG. 41E

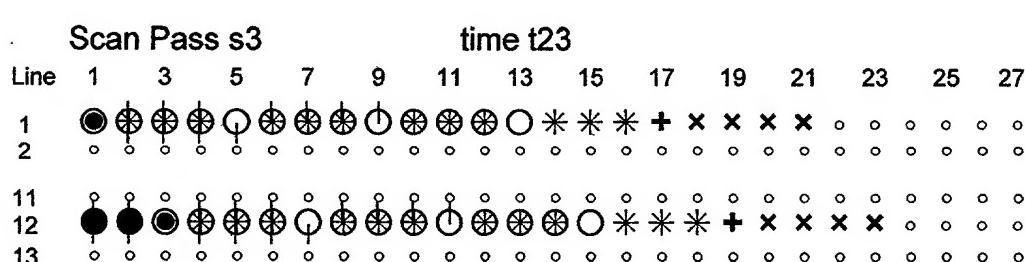


FIG. 41F

× red      + green      ○ blue-w      ○ blue-x      ○ blue-y      ○ blue-z  
 \* red + green      ⊕ red + green + blue-w      ⊕ red + green + blue-w + blue-x  
 ⊕ red + green + blue-w + blue-x + blue-y      ● red + green + blue-w + blue-x + blue-y + blue-z

+

+

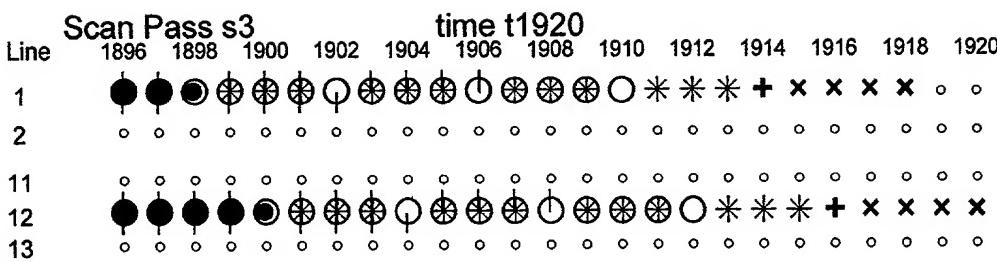


FIG. 42A

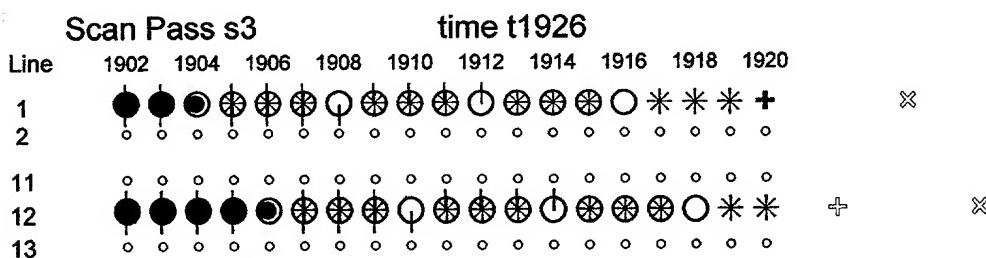


FIG. 42B

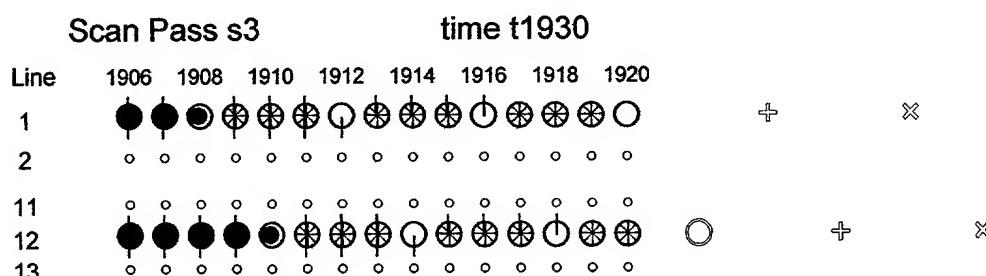


FIG. 42C

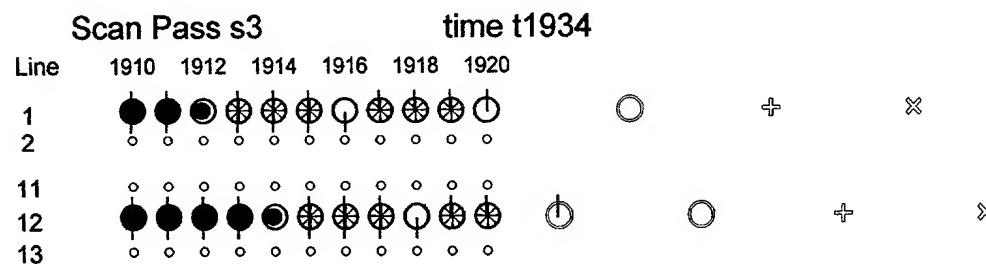


FIG. 42D

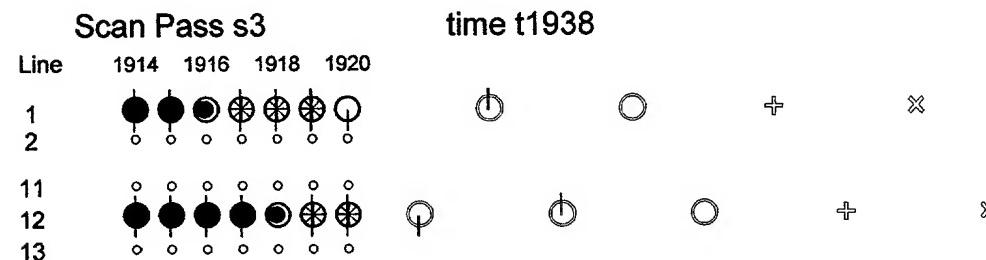


FIG. 42E

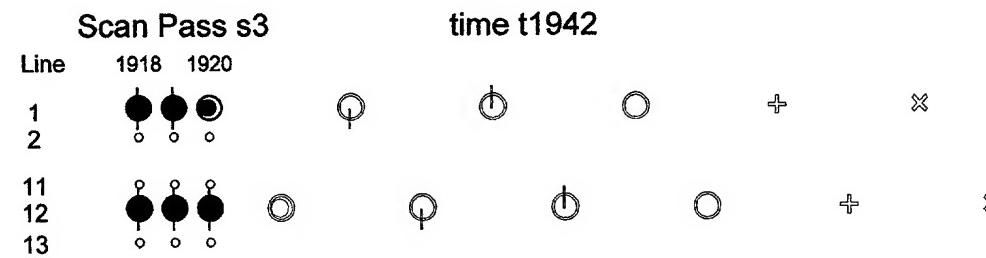


FIG. 42F

● red  
 + green  
 \* red + green  
 ○ blue-w  
 ⊕ red + green + blue-w  
 ○ blue-x  
 ⊕ red + green + blue-w + blue-x  
 ○ blue-y  
 ⊕ red + green + blue-w + blue-x + blue-y  
 ● blue-z

+

+

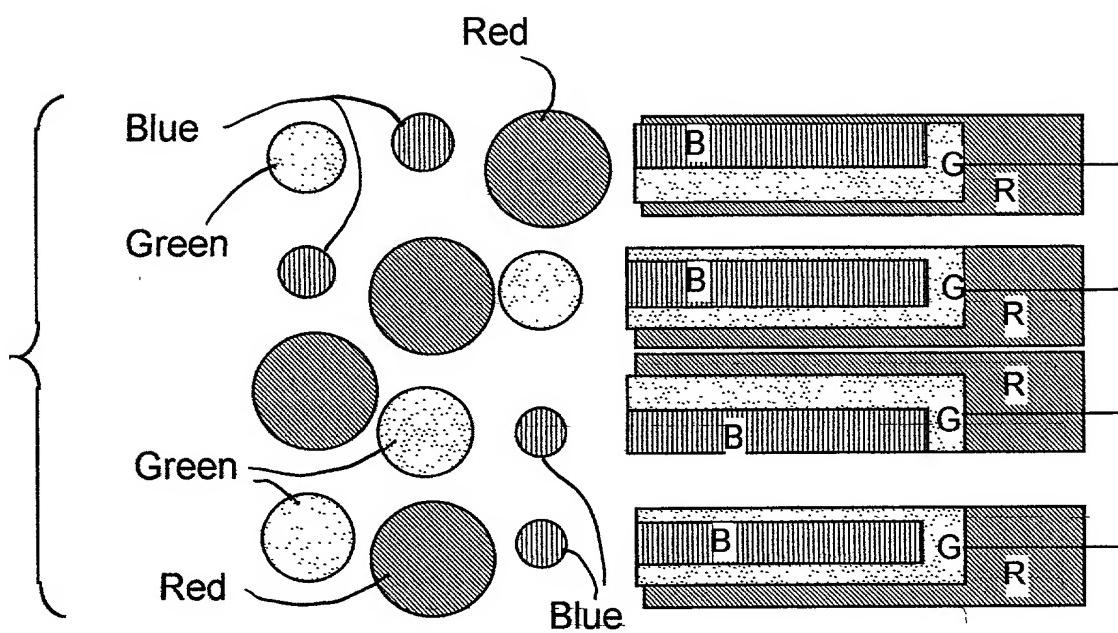


FIG. 43

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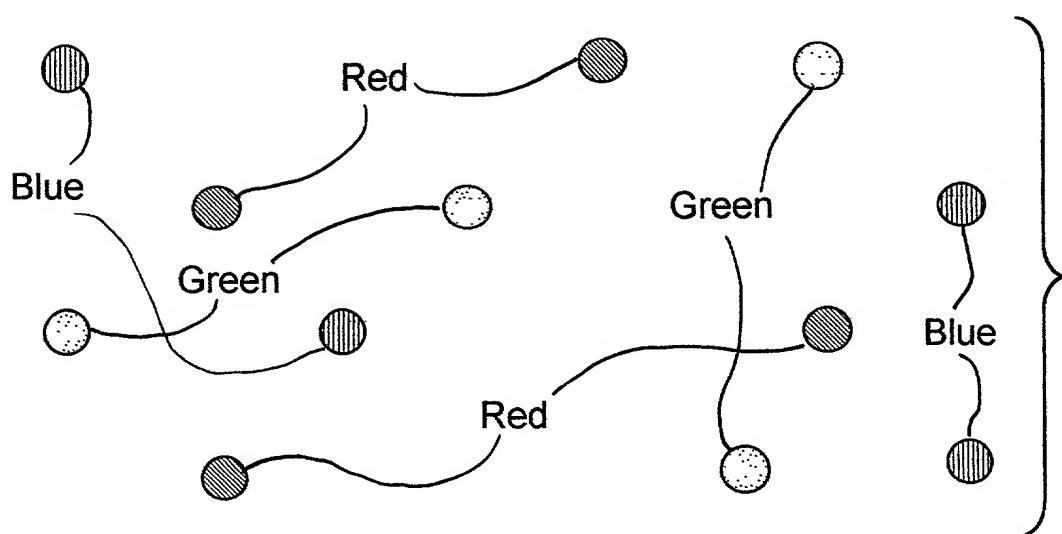


FIG. 44

Scan Pass s3		Time t1			Scan Pass s3		Time t3			
Line	Dot		1	3	Line	Dot		1	3	5
1			○	○	○	1		○	○	○
2			○	○	○	2		○	○	○
3	Ba	Ra	Ga	○	○	3	Ba		Ra	Ga
4				○	○	4		○	○	○
5				○	○	5		○	○	○
6	Rb	Gb	Bb	○	○	6	Rb	Gb	Bb	Bb
7				○	○	7		○	○	○
8				○	○	8		○	○	○
9	Gc	Bc	Rc	○	○	9	Gc	Bc	Rc	○
10				○	○	10		○	○	○
11				○	○	11		○	○	○
12	Rd		Gd	Bd	○	12	Rd		Gd	Bd
13				○	○	13		○	○	○

FIG. 45A

FIG. 45B

Scan Pass s3		Time t5					Scan Pass s3		Time t9								
Line	Dot		1	3	5	7	Line	Dot	1	3	5	7	9	11			
1			○	○	○	○	1		○	○	○	○	○	○			
2			○	○	○	○	2		○	○	○	○	○	○			
3	Ba	Ra	Ga	Ga	Ga	○	○	○	3	Ba	RGRG	Ra	Ga	Ga	Ga	○	○
4			○	○	○	○	4		○	○	○	○	○	○	○		
5			○	○	○	○	5		○	○	○	○	○	○	○		
6	Rb	Gb	Bb	Bb	Bb	Bb	Bb	○	6	Rb	Gb	Bb	Bb	Bb	Bb	Bb	○
7			○	○	○	○	○	○	7		○	○	○	○	○	○	
8			○	○	○	○	○	○	8		○	○	○	○	○	○	
9	Gc	Bc	Rc	Rc	Rc	○	○	○	9	Gc	Bc	Rc	Rc	Rc	Rc	Rc	○
10			○	○	○	○	○	○	10		○	○	○	○	○	○	
11			○	○	○	○	○	○	11		○	○	○	○	○	○	
12	Rd		Gd	Bd	Bd	Bd	Bd	○	12	Rd	GBGBGBGB	Gd	Bd	Bd	Bd	Bd	○
13			○	○	○	○	○	○	13		○	○	○	○	○	○	

FIG. 45C

FIG. 45D

FIG. 45E

FIG. 45F

+

Scan Pass s3      Time t1920

Line	1904	1906	1908	1910	1912	1914	1916	1918	1920
1	○	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○
3	X	X	Ba	RGRGRGRGRGRGRG	Ra	Ga	Ga	Ga	○
4	○	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○	○
6	X	X	X	Rb	GBGBGBGb	Bb	Bb	Bb	Bb
7	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○
9	X	X	Gc	BRBRBRBc	Rc	Rc	Rc	Rc	Rc
10	○	○	○	○	○	○	○	○	○
11	○	○	○	○	○	○	○	○	○
12	X	X	X	X	Rd	GBGBGBGBGBGBG	Gd	Bd	Bd
13	○	○	○	○	○	○	○	○	○

FIG. 46A

Scan Pass s3      Time t1922

Line	1906	1908	1910	1912	1914	1916	1918	1920	
1	○	○	○	○	○	○	○	○	
2	○	○	○	○	○	○	○	○	
3	X	X	Ba	RGRGRGRGRGRGRG	Ra	Ga	Ga	Ga	
4	○	○	○	○	○	○	○	○	
5	○	○	○	○	○	○	○	○	
6	X	X	X	Rb	GBGBGBGb	Bb	Bb	Bb	Bb
7	○	○	○	○	○	○	○	○	
8	○	○	○	○	○	○	○	○	
9	X	X	Gc	BRBRBRBc	Rc	Rc	Rc	Rc	
10	○	○	○	○	○	○	○	○	
11	○	○	○	○	○	○	○	○	
12	X	X	X	X	Rd	GBGBGBGBGBGBG	Gd	Bd	
13	○	○	○	○	○	○	○	○	

FIG. 46B

Scan Pass s3      Time t1926

Line	1910	1912	1914	1916	1918	1920
1	○	○	○	○	○	○
2	○	○	○	○	○	○
3	X	X	Ba	RGRGRGRGRGRGRG	Ga	
4	○	○	○	○	○	○
5	○	○	○	○	○	○
6	X	X	X	Rb	GBGBGBGb	Bb
7	○	○	○	○	○	○
8	○	○	○	○	○	○
9	X	X	Gc	BRBRBRBc	Rc	
10	○	○	○	○	○	○
11	○	○	○	○	○	○
12	X	X	X	X	Rd	GBGBGBGBGBGBG
13	○	○	○	○	○	○

FIG. 46C

Scan Pass s3      Time t1930

Line	1914	1916	1918	1920		
1	○	○	○	○		
2	○	○	○	○		
3	X	X	Ba	RGRGRGRG		
4	○	○	○	○		
5	○	○	○	○		
6	X	X	X	Rb	GBGB	
7	○	○	○	○		
8	○	○	○	○		
9	X	X	Gc	BRBRBRBc		
10	○	○	○	○		
11	○	○	○	○		
12	X	X	X	X	Rd	GBGB
13	○	○	○	○		

FIG. 46D

Scan Pass s3      Time t1932

Line	1916	1918	1920	
1	○	○	○	
2	○	○	○	
3	X	X	Ba	RGRG
4	○	○	○	
5	○	○	○	
6	X	X	X	Rb
7	○	○	○	
8	○	○	○	
9	X	X	Gc	BRBR
10	○	○	○	
11	○	○	○	
12	X	X	X	Rd
13	○	○	○	

FIG. 46E

Scan Pass s3      Time t1934

Line	1918	1920			
1	○	○			
2	○	○			
3	X	X	Ba		
4	○	○			
5	○	○			
6	X	X	X	Rb	GB
7	○	○	○		
8	○	○	○		
9	X	X	Gc	Bc	
10	○	○	○		
11	○	○	○		
12	X	X	X	Rd	Gd
13	○	○	○		

FIG. 46F

+

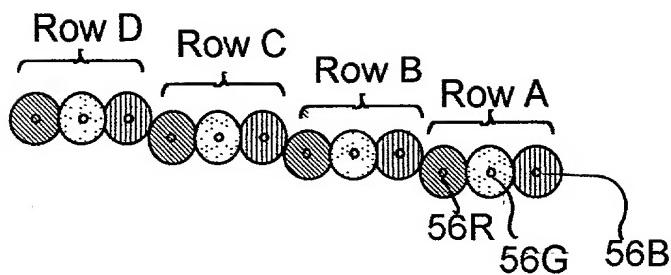


FIG. 47

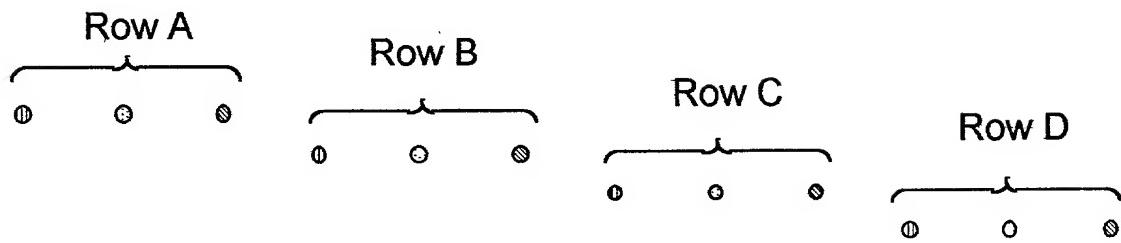


FIG. 47S

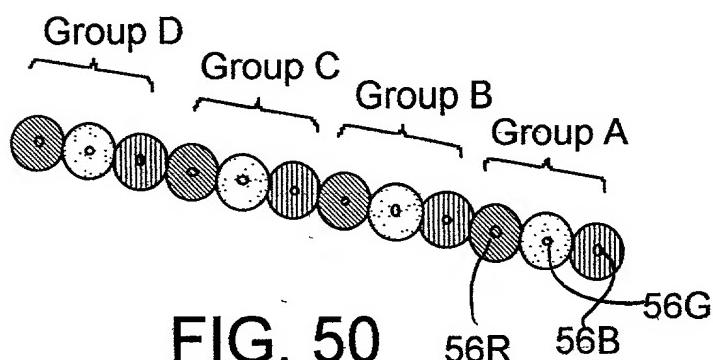


FIG. 50

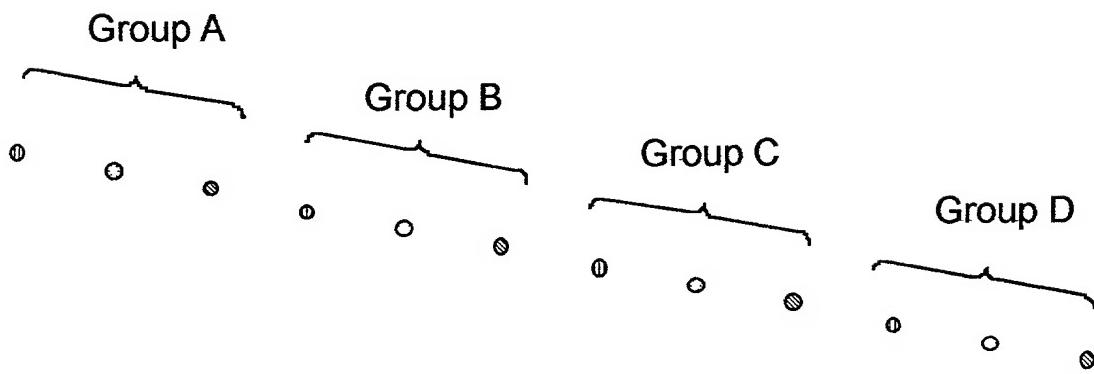


FIG. 50S

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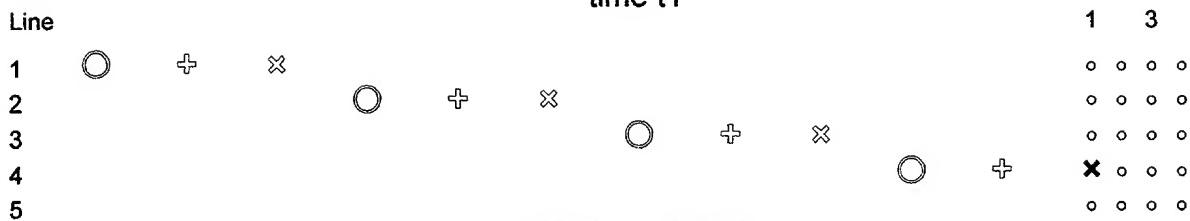


FIG. 48A

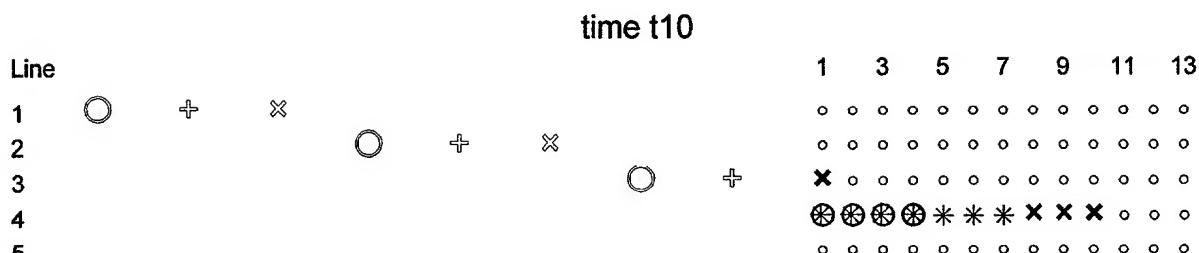


FIG. 48B

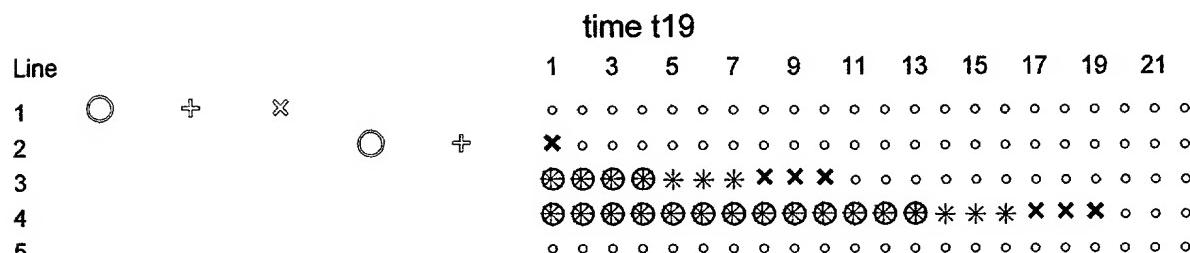


FIG. 48C

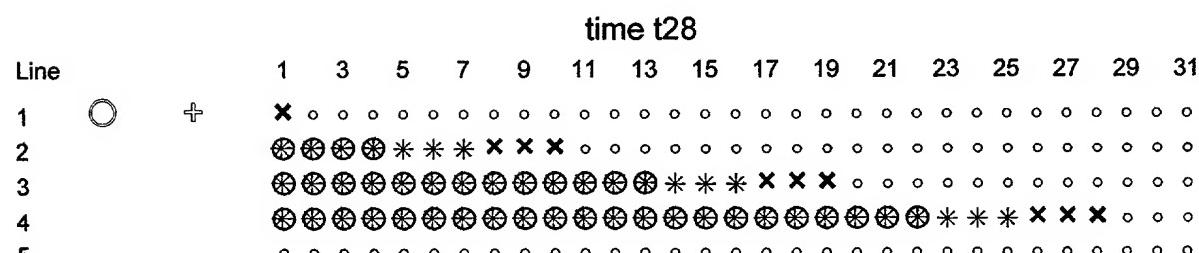


FIG. 48D

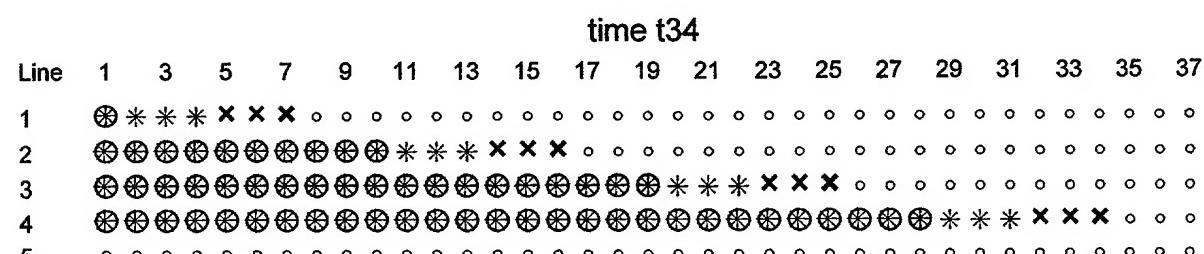


FIG. 48F

1

time t1920

FIG. 49A

time t1929

**FIG. 49B**

time t1938

FIG. 49C

time t1947

FIG. 49D

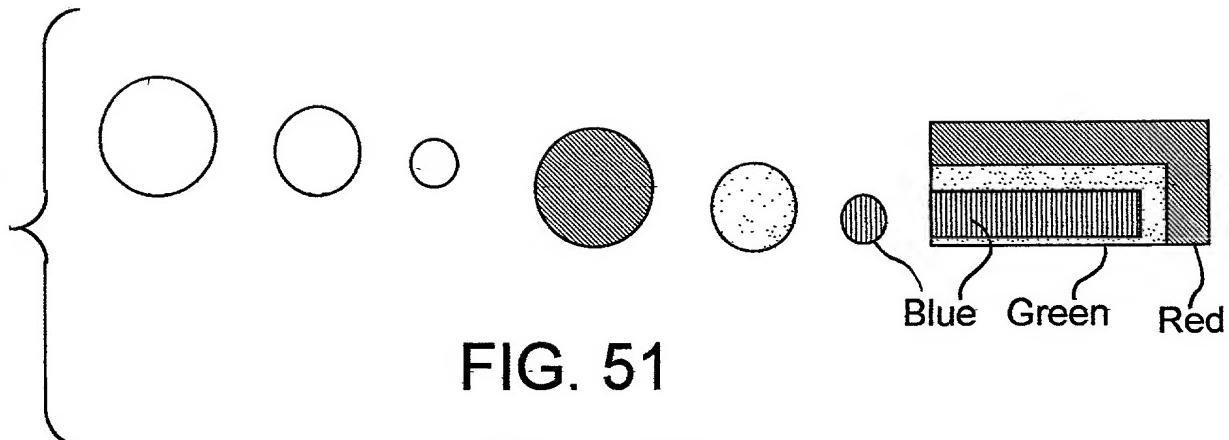
time t1953

Line	1918	1920
1		
2		
3		
4		
5	o	o

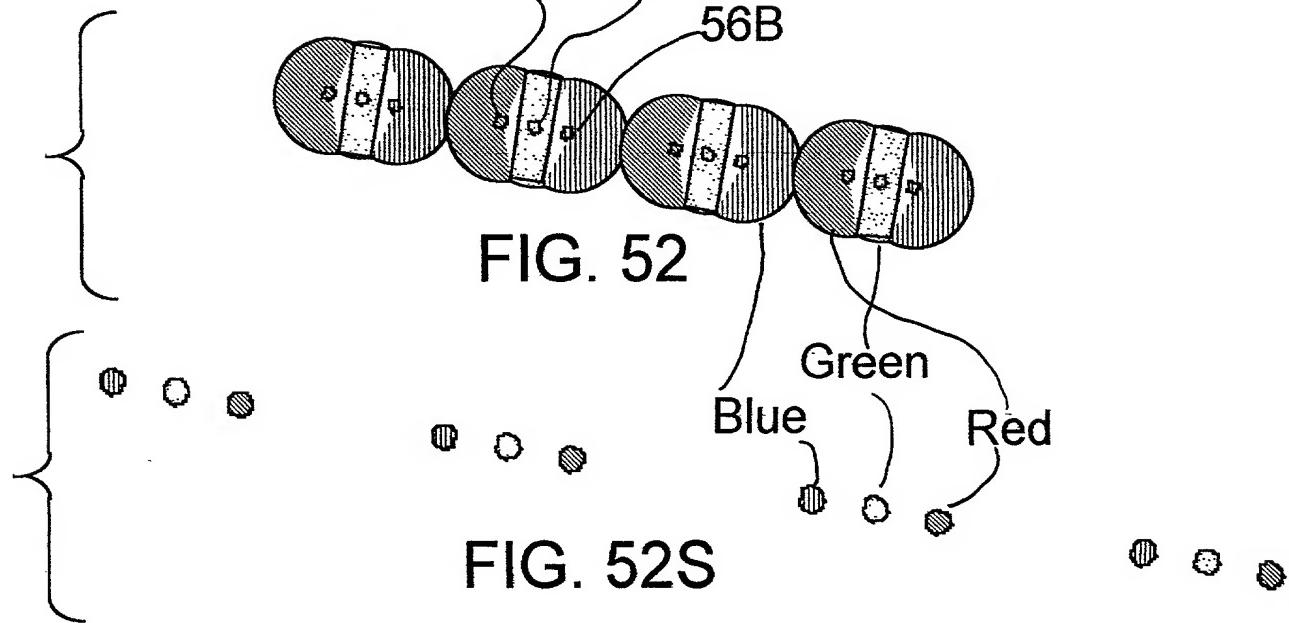
FIG. 49E

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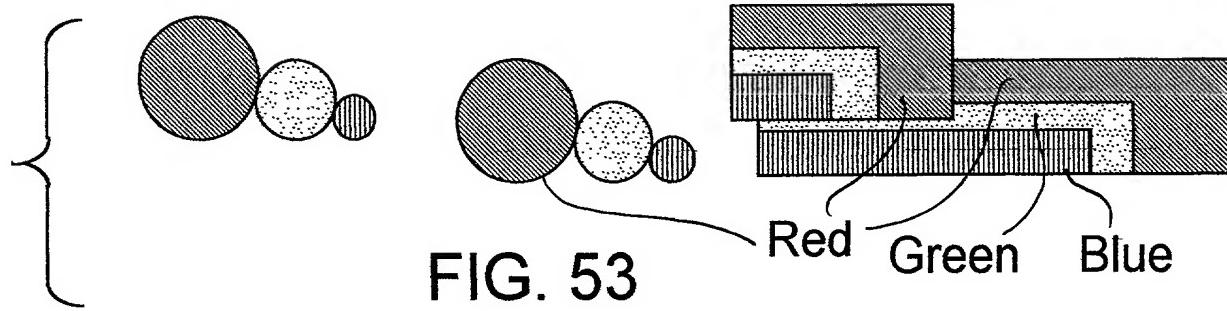
**FIG. 51**



**FIG. 52**



**FIG. 52S**



**FIG. 53**

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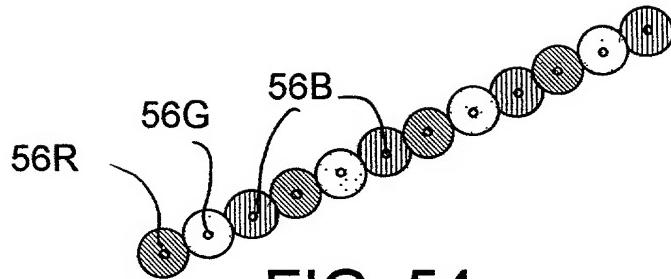


FIG. 54

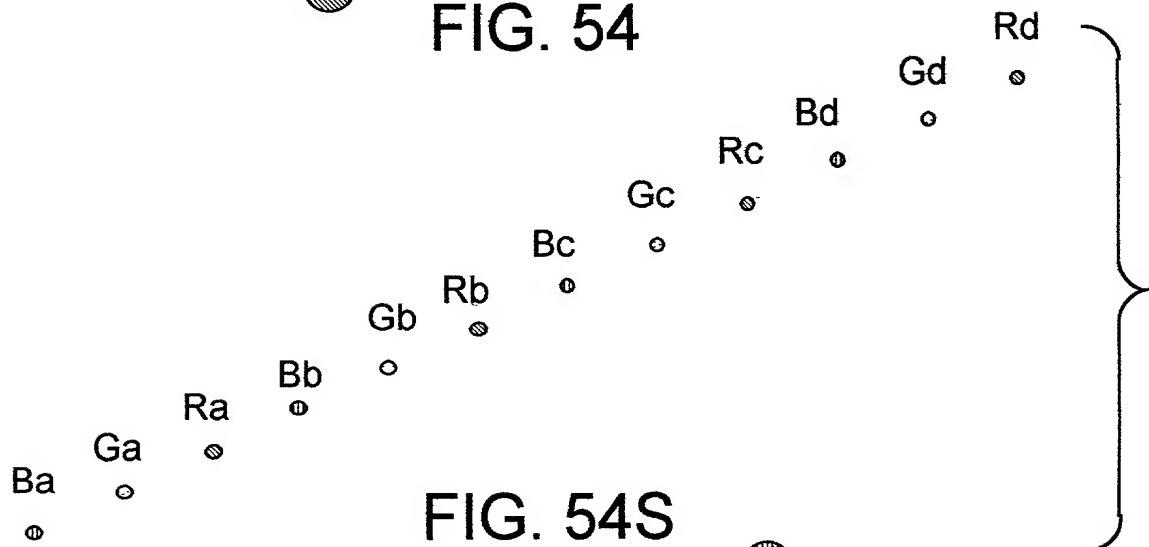


FIG. 54S

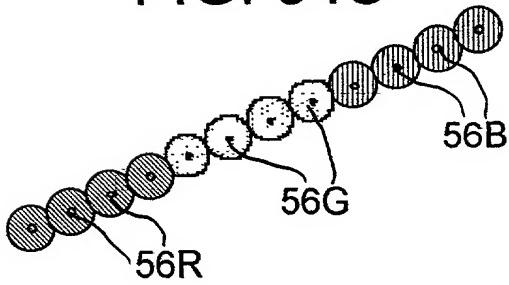


FIG. 58



FIG. 58S

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<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s269</u>	<u>s270</u>	<u>s271</u>	<u>s272</u>
Ra				BaRcGd	BaRcGd	BaRcGd	BaRcGd
Ga				1056 RbGcBd	1056 RbGcBd	1060 RbGcBd	1064 RbGcBd
Ba				RaGbBc	RaGbBc	RaGbBc	RaGbBc
Rb				1058 GaBbRd	1058 GaBbRd	1062 GaBbRd	1066 GaBbRd
Gb	Ra			BaRcGd	BaRcGd	BaRcGd	BaRcGd
Bb	Ga			1060 RbGcBd	1060 RbGcBd	1064 RbGcBd	1068 RbGcBd
Rc	Ba			RaGbBc	RaGbBc	RaGbBc	RaGbBc
Gc	Rb			1062 GaBbRd	1062 GaBbRd	1066 GaBbRd	1070 GaBbRd
-- Bc	-- GbBc	RaGbBc	RaGbBc	BaRcGd	BaRcGd	BaRcGd	BaRcGd
2 --- Rd	2 --- BbRd	2 GaBbRd	2 GaBbRd	1064 RbGcBd	1064 RbGcBd	1068 RbGcBd	1072 RbGcBd
--- Gd	-- RcGd	BaRcGd	BaRcGd	RaGbBc	RaGbBc	RaGbBc	RaGbBc
4 --- Bd	4 --- GcBd	4 RbGcBd	4 RbGcBd	1066 GaBbRd	1066 GaBbRd	1070 GaBbRd	1074 GaBbRd
-----	-- Bc	-- GbBc	RaGbBc	BaRcGd	BaRcGd	BaRcGd	BaRcGd
6 -----	6 ----- Rd	6 -- BbRd	6 GaBbRd	1068 RbGcBd	1068 RbGcBd	1072 RbGcBd	1076 RbGcBd
-----	-- Gd	-- RcGd	BaRcGd	-- GbBc	RaGbBc	RaGbBc	RaGbBc
8 -----	8 ----- Bd	8 -- GcBd	8 RbGcBd	1070 -- BbRd	1070 GaBbRd	1074 GaBbRd	1078 GaBbRd
-----	-- Bc	-- GbBc	-- RcGd	-- GbBc	BaRcGd	BaRcGd	BaRcGd
10 -----	10 -----	10 ----- Rd	10 -- BbRd	1072 -- GcBd	1072 RbGcBd	1076 RbGcBd	1080 RbGcBd
-----	-- Gd	-- RcGd	-- Bc	-- GbBc	-- GbBc	-- GbBc	Gb
12 -----	12 -----	12 ----- Bd	12 -- GcBd	1074 -- Rd	1074 -- BbRd	1078 -- BbRd	Bb
-----	-- Bc	-- Gd	-- GcBd	-- Gd	-- RcGd	-- RcGd	Rc
14 -----	14 -----	14 -----	14 -- Rd	1076 -- Bd	1076 -- GcBd	1080 -- GcBd	Gc
-----	-- Gd	-- Bc	-- Gd	-- GcBd	-- Gd	-- Gd	Bc
16 -----	16 -----	16 -----	16 -- Bd	1078 -----	1078 -- Rd	Rd	Rd
-----	-- Gd	-- Gd	-- Bd	-----	-- Gd	Gd	Gd
18 -----	18 -----	18 -----	18 -- 1080 -----	1080 -----	1080 -- Bd	Bd	Bd
<b>55A</b>	<b>55B</b>	<b>55C</b>	<b>55D</b>	<b>55E</b>	<b>55F</b>	<b>55G</b>	<b>55H</b>

**FIGS. 55A-55H**

+

Scan Pass s3		Time t1		
Line	Dot		1	3
1			Ra	o o o
2			Ga	o o o
3			Ba	o o o
4			Rb	o o o
5			Gb	o o o
6		Bb		o o o
7		Rc		o o o
8		Gc		o o o
9		Bc		o o o
10		Rd		o o o
11		Gd		o o o
12	Bd			o o o
13				o o o

**FIG. 56A**

Scan Pass s3		Time t13	1	3	5	7	9	11	13	15
Line	Dot		Ra							
1			Ga							
2			Ba							
3			Rb							
4			Gb	o	o	o	o	o	o	o
5			Bb	o	o	o	o	o	o	o
6		Rc		o	o	o	o	o	o	o
7		Gc		o	o	o	o	o	o	o
8		Bc		o	o	o	o	o	o	o
9		Rd		o	o	o	o	o	o	o
10		Gd		o	o	o	o	o	o	o
11	Bd			o	o	o	o	o	o	o
12				o	o	o	o	o	o	o
13				o	o	o	o	o	o	o

**FIG. 56B**

Scan Pass s3		Time t34	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35
Line	Dot		Ra																	
1			Ga																	
2			Ba																	
3			Rb																	
4			Gb																	
5			Bb																	
6			Rc																	
7			Gc																	
8			Bc																	
9			Rd																	
10			Gd																	
11			Bd	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
12				o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
13				o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	

**FIG. 56C**

Scan Pass s3 Time t1920

Time t1920

FIG. 57A

Scan Pass s3 Time t1935

Time t1935

**FIG. 57B**

Scan Pass s3 Time t1953

FIG. 57C

+

A B C D E F G H I J K L M N O P Q R S T

s1	s2	s3	s4	s269	s270	s271	s272
Ra				RcGcBc	RcGcBc	RcGcBc	RcGcBc
Rb				1056 RdGdBd	1056 RdGdBd	1060 RdGdBd	1064 RdGdBd
Rc				RaGaBa	RaGaBa	RaGaBa	RaGaBa
Rd				1058 RbGbBb	1058 RbGbBb	1062 RbGbBb	1066 RbGbBb
Ga	Ra			RcGcBc	RcGcBc	RcGcBc	RcGcBc
Gb	Rb			1060 RdGdBd	1060 RdGdBd	1064 RdGdBd	1068 RdGdBd
Gc	Rc			RaGaBa	RaGaBa	RaGaBa	RaGaBa
Gd	Rd			1062 RbGbBb	1062 RbGbBb	1066 RbGbBb	1070 RbGbBb
-- Ba	-- GaBa	RaGaBa	RaGaBa	RcGcBc	RcGcBc	RcGcBc	RcGcBc
2 -- Bb	2 -- GbBb	2 RbGbBb	2 RbGbBb	1064 RdGdBd	1064 RdGdBd	1068 RdGdBd	1072 RdGdBd
-- Bc	-- GcBc	RcGcBc	RcGcBc	RaGaBa	RaGaBa	RaGaBa	RaGaBa
4 -- Bd	4 -- GdBd	4 RdGdBd	4 RdGdBd	1066 RbGbBb	1066 RbGbBb	1070 RbGbBb	1074 RbGbBb
-- Ba	-- GaBa	RaGaBa	RaGaBa	RcGcBc	RcGcBc	RcGcBc	RcGcBc
6 -- Bb	6 -- GbBb	6 -- GbBb	6 RbGbBb	1068 RdGdBd	1068 RdGdBd	1072 RdGdBd	1076 RdGdBd
-- Bc	-- GcBc	RcGcBc	RcGcBc	-- GaBa	RaGaBa	RaGaBa	RaGaBa
8 -- Bd	8 -- GdBd	8 -- GdBd	8 RdGdBd	1070 -- GbBb	1070 RbGbBb	1074 RbGbBb	1078 RbGbBb
-- Ba	-- GaBa	-- GcBc	-- GcBc	RcGcBc	RcGcBc	RcGcBc	RcGcBc
10 -- Bb	10 -- Bb	10 -- Bb	10 -- GbBb	1072 -- GdBd	1072 RdGdBd	1076 RdGdBd	1080 RdGdBd
-- Bc	-- Bc	-- Bc	-- GcBc	-- Ba	-- GaBa	-- GaBa	Gb
12 -- Bd	12 -- Bd	12 -- Bd	12 -- GdBd	1074 -- Bb	1074 -- GbBb	1078 -- GbBb	Bb
-- Ba	-- Ba	-- Ba	-- Ba	-- Bc	-- GcBc	-- GcBc	Rc
-- Bc	-- Bc	-- Bc	-- Bc	-- Bd	-- Bd	-- Bd	Gc
14 -- Bb	14 -- Bb	14 -- Bb	14 -- Bb	1076 -- Bd	1076 -- GdBd	1080 -- GdBd	Bc
-- Bd	-- Bd	-- Bd	-- Bd	-- Ba	-- Ba	-- Ba	Bc
16 -- Bd	16 -- Bd	16 -- Bd	16 -- Bd	1078 -- Bb	1078 -- Bb	-- Bc	Rd
-- Bc	-- Bc	-- Bc	-- Bc	-- Bd	-- Bd	-- Bd	Gd
18 -- Bd	18 -- Bd	18 -- Bd	18 -- Bd	1080 -- Bd	1080 -- Bd	-- Bd	Bd
<b>59A</b>	<b>59B</b>	<b>59C</b>	<b>59D</b>	<b>59E</b>	<b>59F</b>	<b>59G</b>	<b>59H</b>

FIGs. 59A-59H

+

Scan Pass s3

Time t1

Line Dot

1

2

3

4

5

6

7

8

9

10

11

12

13

B B B G G G R R R

**FIG. 60A**

FIG. 60B

FIG. 60C

**FIG. 61A**

**FIG. 61B**

Scan Pass s3			Time t1953
Line	1918	1920	Dot
1	R R		
2	R R		
3	R R		
4	R R		
5	G G		
6	G G		
7	G G		
8	G G		
9	B B		
10	B B		Ba
11	B B	Bc	
12	B Bd		
13	o o		

FIG. 61C

+

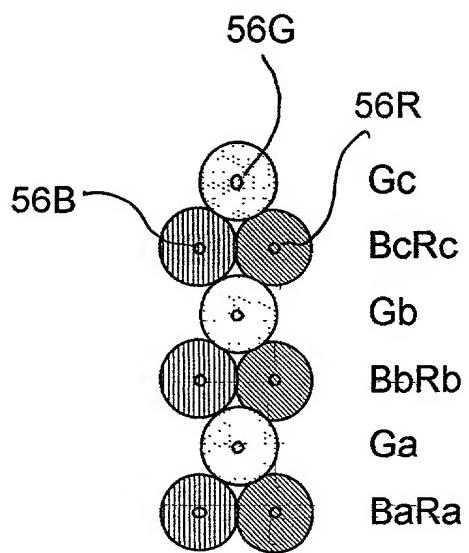


FIG. 62

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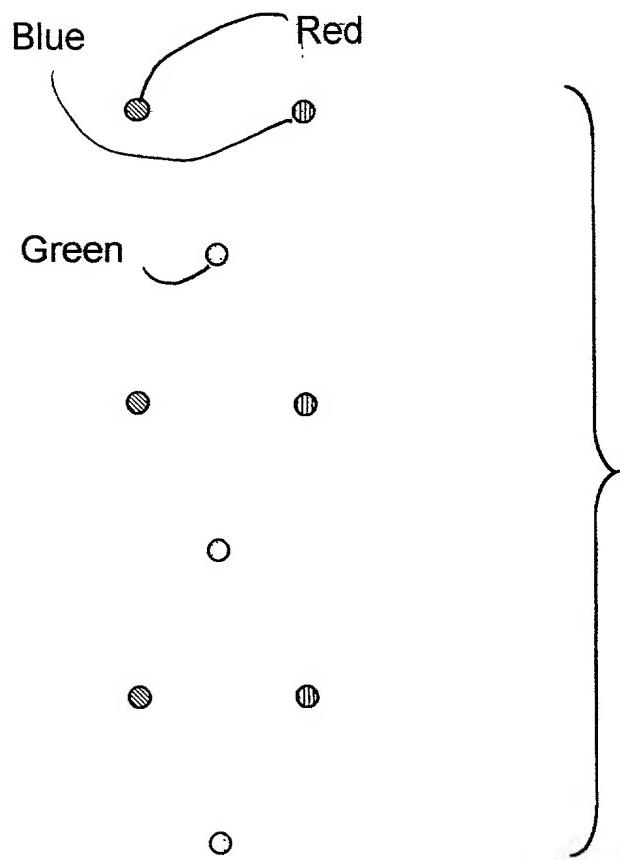


FIG. 62S

+

s1	s2	s3	s4	s134	s135	s136	s137
Ra	Ra	RaGbBc	RaGbBc	RbGcBd	RbGcBd	RbGcBd	RbGcBd
Ga	Ga	2 - GaBbRd	2 - GaBbRd	1048 - RaGbBc	1048 - RaGbBc	1056 - RaGbBc	1064 - RaGbBc
Ba	Ba	4 - BaRcGd	4 - BaRcGd	1050 - GaBbRd	1050 - GaBbRd	1058 - GaBbRd	1066 - GaBbRd
Rb	Rb	6 - RbGcBd	6 - RbGcBd	1052 - BaRcGd	1052 - BaRcGd	1060 - BaRcGd	1068 - BaRcGd
Gb	- GbSc	8 - -GbBc	8 - -GbBc	1054 - RbGcBd	1054 - RbGcBd	1062 - RbGcBd	1070 - RbGcBd
Bb	2 - BbRd	10 - -BbRd	10 - -BbRd	1056 - RaGbBc	1056 - RaGbBc	1064 - RaGbBc	1072 - RaGbBc
Rc	4 - RcGd	12 - -RcGd	12 - -RcGd	1058 - -BbRd	1058 - -BbRd	1066 - GaBbRd	1074 - GaBbRd
Gc	6 - GcBd	14 - -GcBd	14 - -GcBd	1060 - BaRcGd	1060 - BaRcGd	1068 - BaRcGd	1076 - BaRcGd
- Bc	- Bc	16 - -Bc	16 - -Bc	1062 - -RcGd	1062 - -RcGd	1070 - BaRcGd	1078 - BaRcGd
2 - Rd	10 - -Rd	18 - -Rd	18 - -Rd	1064 - -GbBc	1064 - -GbBc	1072 - -GbBc	Gb
4 - Gd	12 - -Gd	20 - -Gd	20 - -Gd	1066 - -BbRd	1066 - -BbRd	1074 - -BbRd	Bb
6 - Bd	14 - -Bd	22 - -Bd	22 - -Bd	1068 - -RcGd	1068 - -RcGd	1076 - -RcGd	Rc
8 -	16 - -	24 - -	24 - -	1070 - -GcBd	1070 - -GcBd	1078 - -GcBd	Gc
10 -	18 - -	26 - -	26 - -	1072 - -Bd	1072 - -Bd	1080 - -Bd	Bc
12 -	20 - -	28 - -	28 - -	1074 - -Bc	1074 - -Bc	Rd	Rd
14 -	22 - -	30 - -	30 - -	1076 - -Rd	1076 - -Rd	Gd	Gd
16 -	24 - -	32 - -	32 - -	1078 - -Gd	1078 - -Gd	Bd	Bd
18 -	26 - -	34 - -	34 - -	1080 - -Bd	1080 - -Bd		
63A	63B	63C	63D	63E	63F	63G	63H

FIGS. 63A-63H

s1	s2	s3	s4	s269	s270	s271	s272
Ra	Ra	2 - RaGbBc	2 - RaGbBc	1050 - RaGbBc	1050 - RaGbBc	1058 - RaGbBc	1066 - RaGbBc
Ga	Ga	4 - GaBbRd	4 - GaBbRd	1052 - GaBbRd	1052 - GaBbRd	1060 - GaBbRd	1068 - GaBbRd
Ba	Ba	6 - BaRcGd	6 - BaRcGd	1054 - BaRcGd	1054 - BaRcGd	1062 - BaRcGd	1070 - BaRcGd
Rb	Rb	8 - RbGcBd	8 - RbGcBd	1056 - RbGcBd	1056 - RbGcBd	1064 - RbGcBd	1072 - RbGcBd
Gb	2 - -GbBc	10 - -GbBc	10 - -GbBc	1058 - -GbBc	1058 - -GbBc	1066 - RaGbBc	1074 - RaGbBc
Bb	4 - -BbRd	12 - -BbRd	12 - -BbRd	1060 - -BbRd	1060 - -BbRd	1068 - GaBbRd	1076 - GaBbRd
Rc	6 - -RcGd	14 - -RcGd	14 - -RcGd	1062 - -RcGd	1062 - -RcGd	1070 - BaRcGd	1078 - BaRcGd
Gc	8 - -GcBd	16 - -GcBd	16 - -GcBd	1064 - -GcBd	1064 - -GcBd	1072 - RbGcBd	1080 - RbGcBd
2 - -Bc	10 - -Bc	18 - -Bc	18 - -Bc	1066 - -Bc	1066 - -Bc	1074 - -GbBc	Gb
4 - -Rd	12 - -Rd	20 - -Rd	20 - -Rd	1068 - -Rd	1068 - -Rd	1076 - -BbRd	Bb
6 - -Gd	14 - -Gd	22 - -Gd	22 - -Gd	1070 - -Gd	1070 - -Gd	1078 - -RcGd	Rc
8 - -Bd	16 - -Bd	24 - -Bd	24 - -Bd	1072 - -Bd	1072 - -Bd	1080 - -GcBd	Gc
10 -	18 - -	26 - -	26 - -	1074 - -Bc	1074 - -Bc	Bc	Bc
12 -	20 - -	28 - -	28 - -	1076 - -Rd	1076 - -Rd	Rd	Rd
14 -	22 - -	30 - -	30 - -	1078 - -Gd	1078 - -Gd	Gd	Gd
16 -	24 - -	32 - -	32 - -	1080 - -Bd	1080 - -Bd	Bd	Bd

64A 64B 64C 64D 64E 64F 64G 64H

FIGS. 64A-64H

<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s135</u>	<u>s136</u>	<u>s137</u>	<u>s138</u>
AAAA	AAAA	AAAA	2 BBBB	1048	CCCC	CCCC	CCCC
o	o	o	4 DDDD	1050	AAAA	CCCC	DDDD
o	o	o	6	1052	CCCC	CCCC	DDDD
o	o	o	8	1054	CCCC	CCCC	DDDD
o	o	o	10 BBBB	1056	CCCC	CCCC	DDDD
BBBB	BBBB	2 BBBB	10 DDDD	1058	BBBB	CCCC	DDDD
o	o	4 DDDD	12 DDDD	1062	CCCC	CCCC	DDDD
o	o	6	14	1064	CCCC	CCCC	DDDD
o	o	8	16	1066	CCCC	CCCC	DDDD
CCCC	CCCC	2	10	1068	CCCC	CCCC	DDDD
o	o	4 DDDD	12 DDDD	1070	CCCC	CCCC	DDDD
o	o	6	14	1072	CCCC	CCCC	DDDD
o	o	8	16	1074	CCCC	CCCC	DDDD
2	10	18	26	1076	CCCC	CCCC	DDDD
4 DDDD	12 DDDD	20 DDDD	28 DDDD	1078	CCCC	CCCC	DDDD
6	14	22	30	1076	DDDD	DDDD	DDDD
8	16	24	32	1078	DDDD	DDDD	DDDD
10	18	26	34	1080	DDDD	DDDD	DDDD
65A	65B	65C	65D	65E	65F	65G	65H

FIGS. 65A-65H

<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s135</u>	<u>s136</u>	<u>s137</u>	<u>s138</u>
AAAA	AAAA	AAAA	2 DDDD	1048	CCCC	CCCC	CCCC
o	o	o	4 BBBB	1050	CCCC	CCCC	CCCC
o	o	6 CCC	1052	CCCC	CCCC	CCCC	CCCC
o	o	8 DDDD	1054	BBBB	CCCC	CCCC	CCCC
o	o	2	10	1056	CCCC	CCCC	CCCC
o	o	4	12	1058	CCCC	CCCC	CCCC
BBBB	BBBB	6 BBBB	14 DDDD	1060	CCCC	CCCC	CCCC
o	o	8 DDDD	16 DDDD	1062	BBBB	CCCC	CCCC
o	o	2	10	1064	CCCC	CCCC	CCCC
o	o	4	12	1066	CCCC	CCCC	CCCC
CCCC	CCCC	6 CCC	20	1068	CCCC	CCCC	CCCC
o	o	8 DDDD	22	1070	CCCC	CCCC	CCCC
o	o	6	14	1072	CCCC	CCCC	CCCC
o	o	8 DDDD	24 DDDD	1074	CCCC	CCCC	CCCC
2	10	18	26	1076	CCCC	CCCC	CCCC
4	12	20	28	1078	CCCC	CCCC	CCCC
6	14	22	30	1076	CCCC	CCCC	CCCC
8 DDDD	16 DDDD	24 DDDD	32 DDDD	1078	CCCC	CCCC	CCCC
10	18	26	34	1080	CCCC	CCCC	CCCC
66A	66B	66C	66D	66E	66F	66G	66H

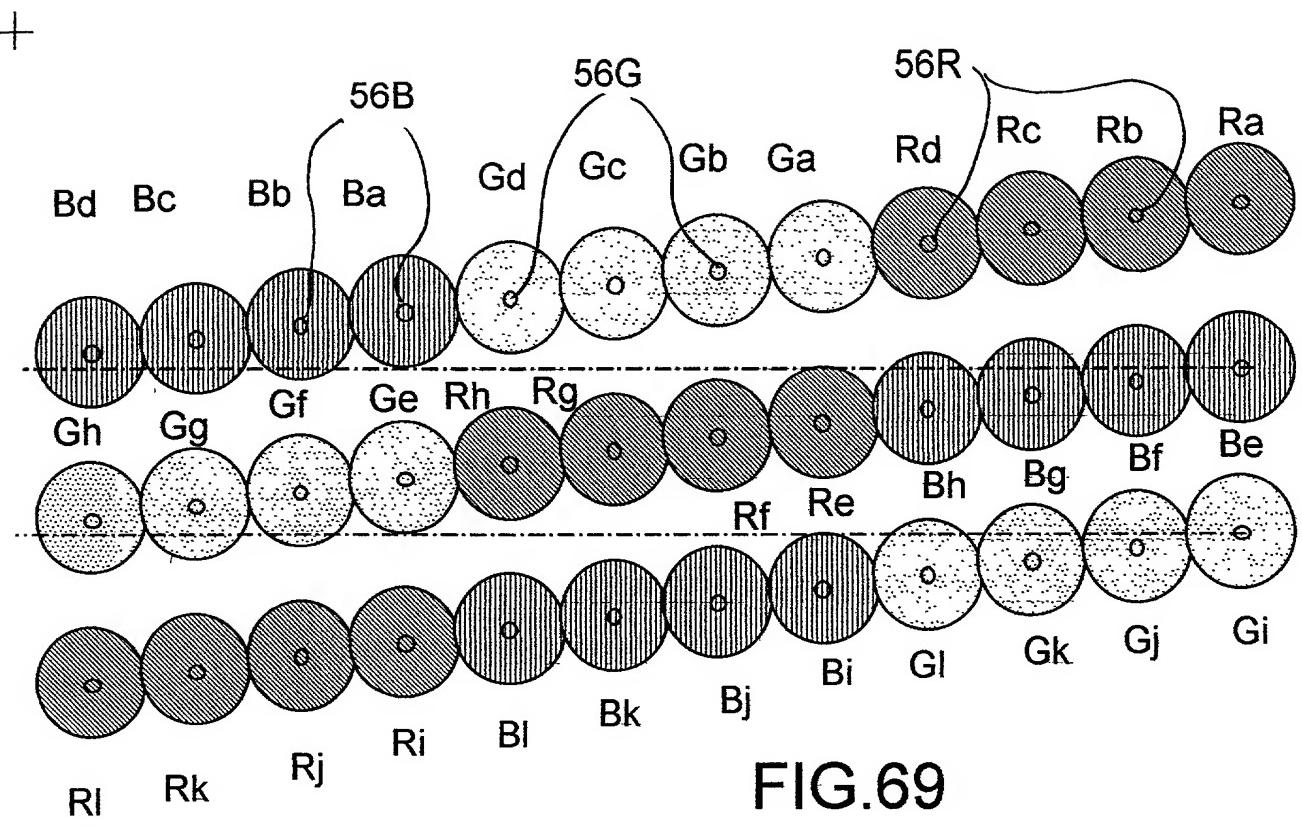
FIGS. 66A-66H

<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s135</u>	<u>s136</u>	<u>s137</u>	<u>s138</u>
AAAA	AAAA	AAAA	AAAA	DDDD	DDDD	DDDD	DDDD
o	o	o	2 BBBB	1048 AAAA	1056 AAAA	1064 AAAA	1072 AAAA
o	o	o	4 CCCC	1050 BBBB	1058 BBBB	1066 BBBB	1074 BBBB
o	o	o	6 DDDD	1052 CCCC	1060 CCCC	1068 CCCC	1076 CCCC
o	o	o	8	1054 DDDD	1062 DDDD	1070 DDDD	1078 DDDD
o	o	o	10	1056	1064	1072	1080
BBBB	BBBB	BBBB	BBBB				
o	o	o	4	1058	1066	1074	o
o	o	o	6 CCCC	1060 BBBB	1068 BBBB	1076 BBBB	BBBB
o	o	o	14 DDDD	1062 CCCC	1068 CCCC	1076 CCCC	o
o	o	o	8	1062	1070	1078	o
o	o	o	16	1064	1072	1080	o
o	o	o	2	10	18	1072	o
CCCC	CCCC	CCCC	CCCC				
o	o	o	4	1066	1074	o	o
o	o	o	6 DDDD	1068	1076	o	o
o	o	o	8	1070	1078	CCCC	CCCC
o	o	o	16	1072	1080	DDDD	o
o	o	o	26	1072	1080	o	o
2	10	18	26				
4	12	20	28	1074	o	o	o
6	14	22	30	1076	o	o	o
8 DDDD	16 DDDD	24 DDDD	32	1078	DDDD	DDDD	DDDD
8	16	24	32	1078	DDDD	DDDD	DDDD
10	18	26	34	1080			
67A	67B	67C	67D	67E	67F	67G	67H

FIGs. 67A-67H

<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s135</u>	<u>s136</u>	<u>s137</u>	<u>s138</u>
AAAA	AAAA	AAAA	2 AAAA	1048 DDDD	1056 DDDD	1064 DDDD	1072 DDDD
o	o	o	4 BBBB	1050 AAAA	1058 AAAA	1066 AAAA	1074 AAAA
o	o	o	6 CCCC	1052 BBBB	1060 BBBB	1068 BBBB	1076 BBBB
o	o	o	8 DDDD	1054 CCCC	1062 CCCC	1070 CCCC	1078 CCCC
o	o	o	10	1056 DDDD	1064 DDDD	1072 DDDD	1080 DDDD
BBBB	BBBB	BBBB	12 BBBB	1058	1066	1074	o
o	o	o	14 CCCC	1060 BBBB	1068 BBBB	1076 BBBB	BBBB
o	o	o	8 DDDD	1062 CCCC	1070 CCCC	1078 CCCC	o
o	o	o	2	1064	1072	1080	DDDD
o	o	o	10	18	1072	DDDD	o
CCCC	6 CCCC	14 CCCC	22 CCCC	1068	1076	o	o
o	6 DDDD	16 DDDD	24 DDDD	1070 CCCC	1078 CCCC	CCCC	CCCC
o	8 DDDD	16 DDDD	24 DDDD	1072 DDDD	1080 DDDD	o	o
2	10	18	26	1074	o	o	o
4	12	20	28	1076	o	o	o
6	14	22	30	1078	o	o	o
8 DDDD	16 DDDD	24 DDDD	32 DDDD	1080 DDDD	DDDD	DDDD	DDDD
68A	68B	68C	68D	68E	68F	68G	68H

FIGs. 68A-68H



**FIG.69**

s1	s2	s3	s4	s269	s270	s271	s272
Ri	Ri	RIGhBd	RIGhBd	GIBhRd	GIBhRd	GIBhRd	GIBhRd
Rk	Rk	2 RKGgBc	2 RKGgBc	1030 GkBgRc	1030 GkBgRc	1042 GkBgRc	1054 GkBgRc
Rj	Rj	RjGfBb	RjGfBb	GjBfRb	GjBfRb	GjBfRb	GjBfRb
Ri	Ri	4 RiGeBa	4 RiGeBa	1032 GiBeRa	1032 GiBeRa	1044 GiBeRa	1056 GiBeRa
Bi	Bi	BIRhGd	BIRhGd	RIGHbd	RIGHbd	RIGHbd	RIGHbd
Bk	Bk	6 BkRgGc	6 BkRgGc	1034 RKGgBc	1034 RKGgBc	1046 RKGgBc	1058 RKGgBc
Bj	Bj	BjRfGb	BjRfGb	RjGfBb	RjGfBb	RjGfBb	RjGfBb
Bi	Bi	8 BiReGa	8 BiReGa	1036 RiGeBa	1036 RiGeBa	1048 RiGeBa	1060 RiGeBa
Gi	Gi	GiBhRd	GiBhRd	BIRhGd	BIRhGd	BIRhGd	BIRhGd
Gk	Gk	10 GkBgRc	10 GkBgRc	1038 BkRgGc	1038 BkRgGc	1050 BkRgGc	1062 BkRgGc
Gj	Gj	GjBfRb	GjBfRb	BjRfGb	BjRfGb	BjRfGb	BjRfGb
Gi	Gi	12 GiBeRa	12 GiBeRa	1040 BiReGa	1040 BiReGa	1052 BiReGa	1064 BiReGa
Gh	-- GhBd	-- GhBd	-- GhBd	RIGHbd	GIBhRd	GIBhRd	GIBhRd
Gg	2 -- GgBc	14 -- GgBc	14 -- GgBc	1042 GkBgRc	1042 GkBgRc	1054 GkBgRc	1066 GkBgRc
Gf	-- GfBb	-- Gf Bb	-- Gf Bb	RjGfBb	GjBfRb	GjBfRb	GjBfRb
Ge	4 -- GeBa	16 -- GeBa	16 -- GeBa	1044 RiGeBa	1044 RiGeBa	1056 GiBeRa	1068 GiBeRa
Rh	-- RhGd	-- RhGd	-- RhGd	BIRhGd	-- GhBd	RIGHbd	RIGHbd
Rg	6 -- RgGc	18 -- RgGc	18 -- RgGc	1046 -- GgBc	1046 -- GgBc	1058 RKGgBc	1070 RKGgBc
Rf	-- RfGb	-- Rf Gb	-- Rf Gb	BjRfGb	-- Gf Bb	RjGfBb	RjGfBb
Re	8 -- ReGa	20 -- ReGa	20 -- ReGa	20 BiReGa	1048 -- GeBa	1060 RiGeBa	1072 RiGeBa
Bh	-- BhRd	-- BhRd	-- BhRd	GIBhRd	-- RhGd	BIRhGd	BIRhGd
Bg	10 -- BgRc	22 -- BgRc	22 -- BgRc	22 GkBgRc	1050 -- RgGc	1050 BkRgGc	1062 BkRgGc
Bf	-- BfRb	-- Bf Rb	-- Bf Rb	GjBfRb	-- Rf Gb	BjRfGb	BjRfGb
Be	12 -- BeRa	24 -- BeRa	24 -- BeRa	24 GiBeRa	1052 -- ReGa	1052 BiReGa	1064 BiReGa
-- Bd	-- Bd	-- Bd	-- Bd	-- GhBd	-- BhRd	GIBhRd	GIBhRd
2 -- Bc	14 -- Bc	26 -- Bc	26 -- Bc	26 -- GgBc	1054 -- BgRc	1054 GkBgRc	1066 GkBgRc
-- Bb	-- Bb	-- Bb	-- Bb	-- Gf Bb	-- Bf Rb	GjBfRb	GjBfRb
4 -- Ba	16 -- Ba	28 -- Ba	28 -- Ba	28 -- GeBa	1056 -- BeRa	1056 GiBeRa	1068 GiBeRa
-- Gd	-- Gd	-- Gd	-- Gd	-- RhGd	-- Bd	-- GhBd	-- GhBd
6 -- Gc	18 -- Gc	30 -- Gc	30 -- Gc	30 -- RgGc	1058 -- Bc	1058 -- GgBc	1070 -- GgBc
-- Gb	-- Gb	-- Gb	-- Gb	-- Rf Gb	-- Bb	-- Gf Bb	-- Gf Bb
8 -- Ga	20 -- Ga	32 -- Ga	32 -- Ga	32 -- ReGa	1060 -- Ba	1060 -- GeBa	1072 -- GeBa
-- Rd	-- Rd	-- Rd	-- Rd	-- BhRd	-- Gd	-- RhGd	-- RhGd
10 -- Rc	22 -- Rc	34 -- Rc	34 -- Rc	34 -- BgRc	1062 -- Gc	1062 -- RgGc	1074 -- RgGc
-- Rb	-- Rb	-- Rb	-- Rb	-- Bf Rb	-- Gb	-- Rf Gb	-- Rf Gb
12 -- Ra	24 -- Ra	36 -- Ra	36 -- Ra	36 -- BeRa	1064 -- Ga	1064 -- ReGa	1076 -- ReGa
--	--	--	--	-- Bd	-- Rd	-- BhRd	-- BhRd
14 --	26 --	38 --	38 --	38 -- Bc	1066 -- Rc	1066 -- BgRc	1078 -- BgRc
--	--	--	--	-- Bb	-- Rb	-- Bf Rb	-- Bf Rb
16 --	28 --	40 --	40 --	40 -- Ba	1068 -- Ra	1068 -- BeRa	1080 -- BeRa
--	--	--	--	-- Gd	-- Bd	Bd	Bd
18 --	30 --	42 --	42 --	42 -- Gc	1070 --	1070 -- Bc	Bc
--	--	--	--	-- Gb	-- Bb	Bb	Bb
20 --	32 --	44 --	44 --	44 -- Ga	1072 --	1072 -- Ba	Ba
--	--	--	--	-- Rd	-- Gd	Gd	Gd
22 --	34 --	46 --	46 --	46 -- Rc	1074 --	1074 -- Gc	Gc
--	--	--	--	-- Rb	-- Gb	Gb	Gb
24 --	36 --	48 --	48 --	48 -- Ra	1076 --	1076 -- Ga	Ga
--	--	--	--	--	-- Rd	Rd	Rd
26 --	38 --	50 --	50 --	50 --	1078 --	1078 -- Rc	Rc
--	--	--	--	--	-- Rb	Rb	Rb
28 --	40 --	52 --	52 --	52 --	1080 --	1080 -- Ra	Ra

70A

70B

70C

70D

70E

70F

70G

70H

FIGs. 70A-70H

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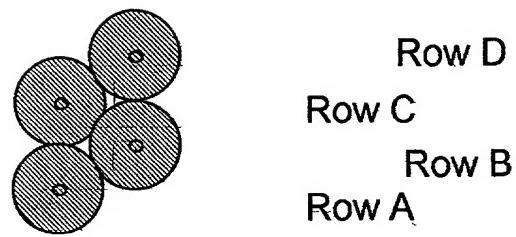


FIG. 71

EDITION EXCELSIOR

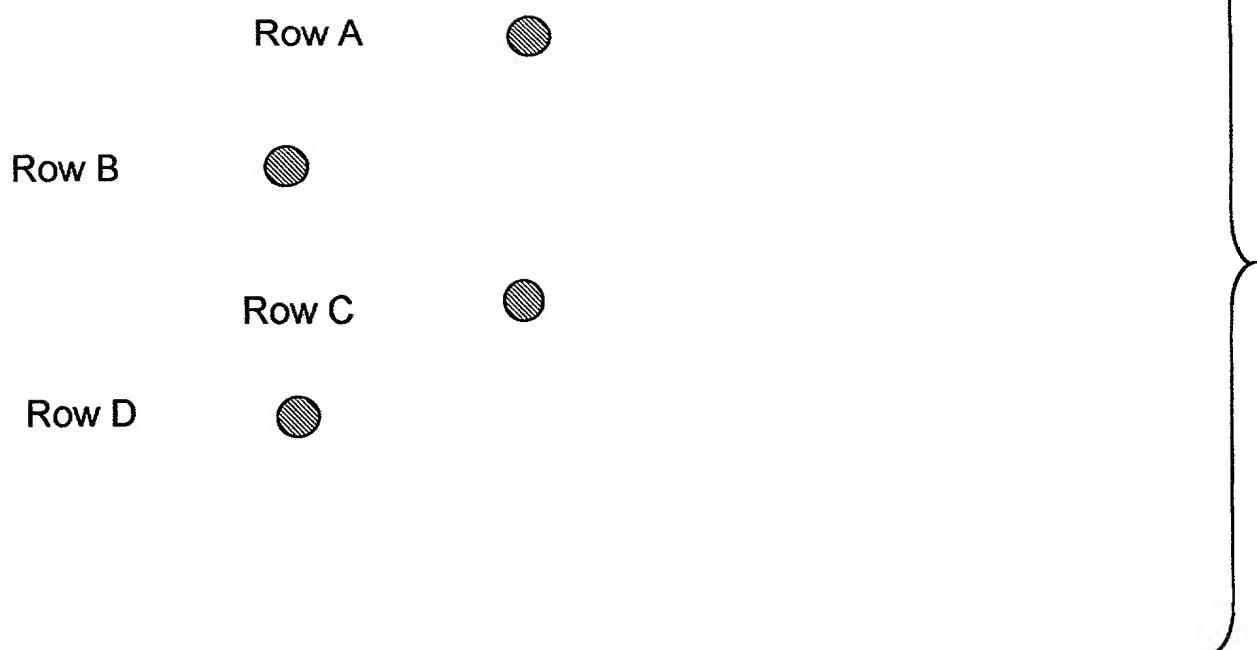


FIG. 71S

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	<u>s1</u>	<u>s2</u>	<u>s269</u>	<u>s270</u>
	<b>RGBa</b>	<b>RGBa</b>	<b>RGBc</b>	<b>RGBc</b>
2	<b>RGBb</b>	2 <b>RGBb</b>	1072 <b>RGBd</b>	1072 <b>RGBd</b>
	<b>RGBc</b>	<b>RGBc</b>	<b>RGBa</b>	<b>RGBa</b>
4	<b>RGBd</b>	4 <b>RGBd</b>	1074 <b>RGBb</b>	1074 <b>RGBb</b>
		<b>RGBa</b>	<b>RGBc</b>	<b>RGBc</b>
6	-----	6 <b>RGBb</b>	1076 <b>RGBd</b>	1076 <b>RGBd</b>
		<b>RGBc</b>	-----	<b>RGBa</b>
8	-----	8 <b>RGBd</b>	1078 -----	1078 <b>RGBb</b>
				<b>RGBc</b>
10	-----	10 -----	1080 -----	1080 <b>RGBd</b>

72A      72B      72C      72D

## FIGs. 72A-72D

	Scan	Pass	s3	Time	t1
Line	Dot		1	3	5
3	Xa		◦	◦	◦
4			◦	◦	◦
5			◦	◦	◦
6	Xb		◦	◦	◦
7			◦	◦	◦
8			◦	◦	◦
9	Xc		◦	◦	◦
10			◦	◦	◦
11			◦	◦	◦
12	Xd		◦	◦	◦
13			◦	◦	◦

FIG. 74A

	Scan	Pass	s3	Time	t3
Line	1	3	5	7	
3	Xa	◦	◦	◦	◦
4		◦	◦	◦	◦
5		◦	◦	◦	◦
6	Xb	Xb	Xb	◦	◦
7		◦	◦	◦	◦
8		◦	◦	◦	◦
9	Xc	◦	◦	◦	◦
10		◦	◦	◦	◦
11		◦	◦	◦	◦
12	Xd	Xd	Xd	◦	◦
13		◦	◦	◦	◦

FIG. 74B

	Scan	Pass	s3	Time	t1920
Line	1914	1916	1918	1920	
3	Xa	Xa	Xa	Xa	◦
4	◦	◦	◦	◦	◦
5	◦	◦	◦	◦	◦
6	Xb	Xb	Xb	Xb	Xb
7	◦	◦	◦	◦	◦
8	◦	◦	◦	◦	◦
9	Xc	Xc	Xc	Xc	Xc
10	◦	◦	◦	◦	◦
11	◦	◦	◦	◦	◦
12	Xd	Xd	Xd	Xd	Xd
13	◦	◦	◦	◦	◦

FIG. 74C

	Scan	Pass	s3	Time	t1924
Line	1918	1920	1922	1924	
3	Xa	Xa	Xa		
4	◦	◦	◦		
5	◦	◦	◦		
6	Xb	Xb	Xb	Xb	
7	◦	◦	◦		
8	◦	◦	◦		
9	Xc	Xc	Xc		
10	◦	◦	◦		
11	◦	◦	◦		
12	Xd	Xd	Xd	Xd	
13	◦	◦	◦		

FIG. 74D

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Scan Pass s1		Time t1				
Line	Dot	1	3			
1		Xa	o	o	o	
2		Xb	o	o	o	o
3		Xc	o	o	o	o
4	Xd	o	o	o	o	
5		o	o	o	o	

**FIG. 73A**

Scan Pass s1		Time t4				
Line	Dot	1	3	5	7	
1		Xa	Xa	Xa	Xa	o
2		Xb	o	o	o	o
3		Xc	o	o	o	o
4	Xd	o	o	o	o	o
5		o	o	o	o	o

**FIG. 73B**

Scan Pass s1		Time t7				
Line	Dot	1	3	5	7	9
1		Xa	Xa	Xa	Xa	Xa
2		Xb	Xb	Xb	Xb	o
3		Xc	o	o	o	o
4	Xd	o	o	o	o	o
5		o	o	o	o	o

**FIG. 73C**

Scan Pass s1		Time t10						
Line	Dot	1	3	5	7	9	11	13
1		Xa	Xa	Xa	Xa	Xa	Xa	Xa
2		Xb	Xb	Xb	Xb	Xb	Xb	o
3		Xc	Xc	Xc	Xc	o	o	o
4	Xd	o	o	o	o	o	o	o
5		o	o	o	o	o	o	o

**FIG. 73D**

Scan Pass s1		Time t1920					
Line	Dot	1910	1912	1914	1916	1918	1920
1		Xa	Xa	Xa	Xa	Xa	Xa
2		Xb	Xb	Xb	Xb	Xb	Xb
3		Xc	Xc	Xc	Xc	Xc	Xc
4		Xd	Xd	Xd	Xd	Xd	Xd
5		o	o	o	o	o	o

**FIG. 73E**

Scan Pass s1		Time t1923				
Line	Dot	1912	1914	1916	1918	1920
1		Xa	Xa	Xa	Xa	Xa
2		Xb	Xb	Xb	Xb	Xb
3		Xc	Xc	Xc	Xc	Xc
4		Xd	Xd	Xd	Xd	Xd
5		o	o	o	o	o

**FIG. 73F**

Scan Pass s1		Time t1926				
Line	Dot	1916	1918	1920		
1		Xa	Xa	Xa	Xa	Xa
2		Xb	Xb	Xb	Xb	Xb
3		Xc	Xc	Xc	Xc	Xc
4		Xd	Xd	Xd	Xd	Xd
5		o	o	o	o	o

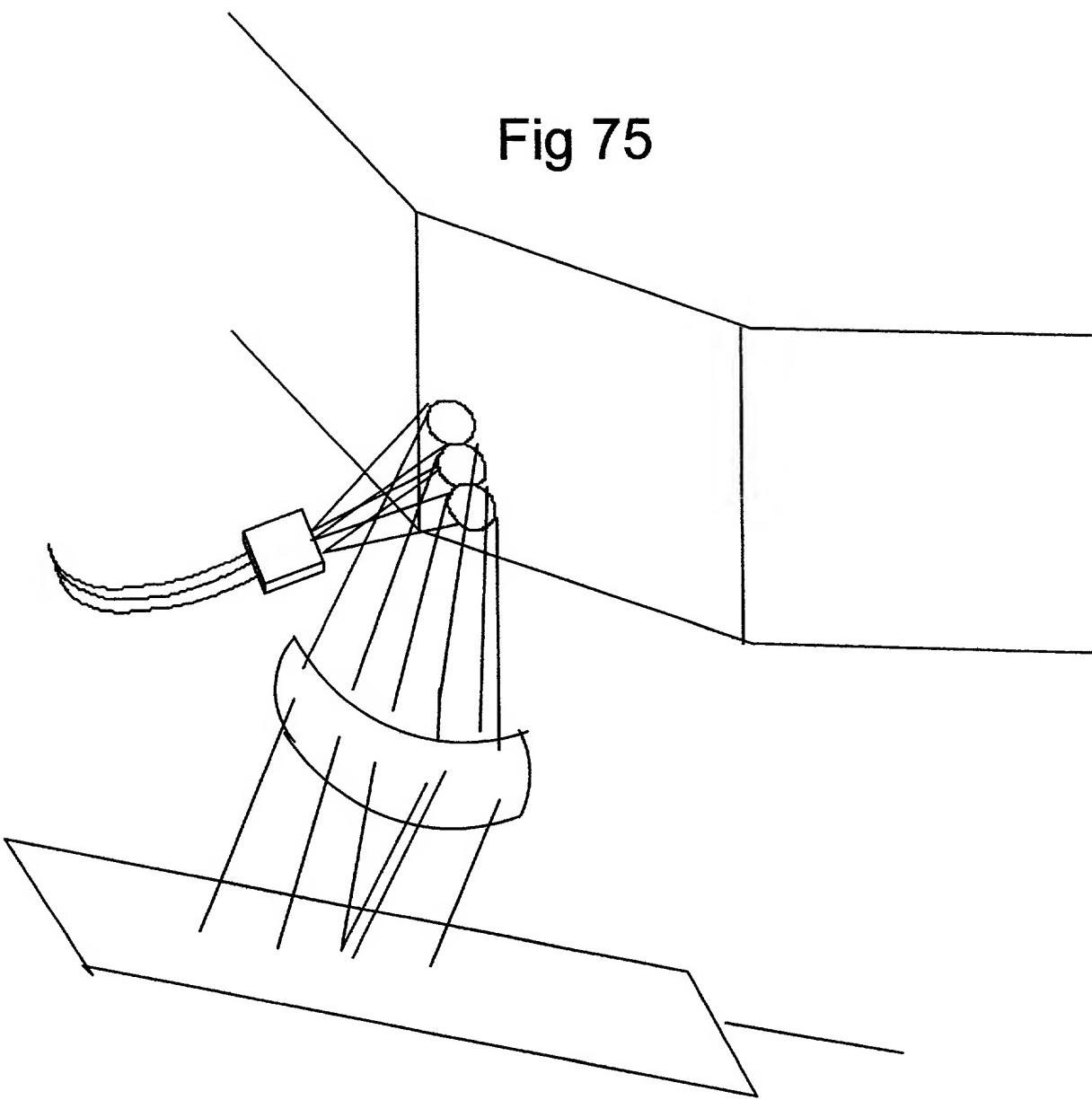
**FIG. 73G**

Scan Pass s1		Time t1929				
Line	Dot	1918	1920			
1		Xa	Xa			
2		Xb	Xb			
3		Xc	Xc	Xc		
4		Xd	Xd	Xd		
5		o	o	o		

**FIG. 73H**

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Fig 75



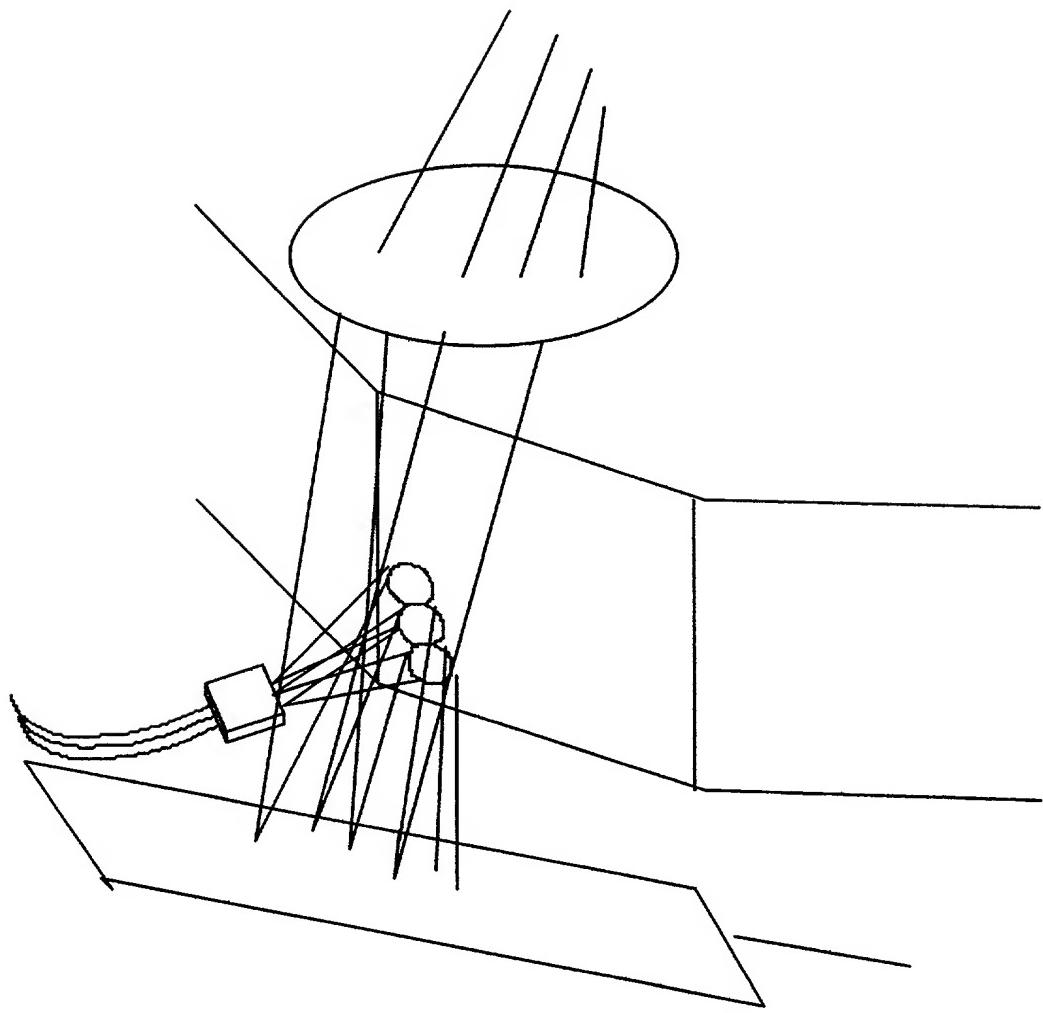


Fig 76

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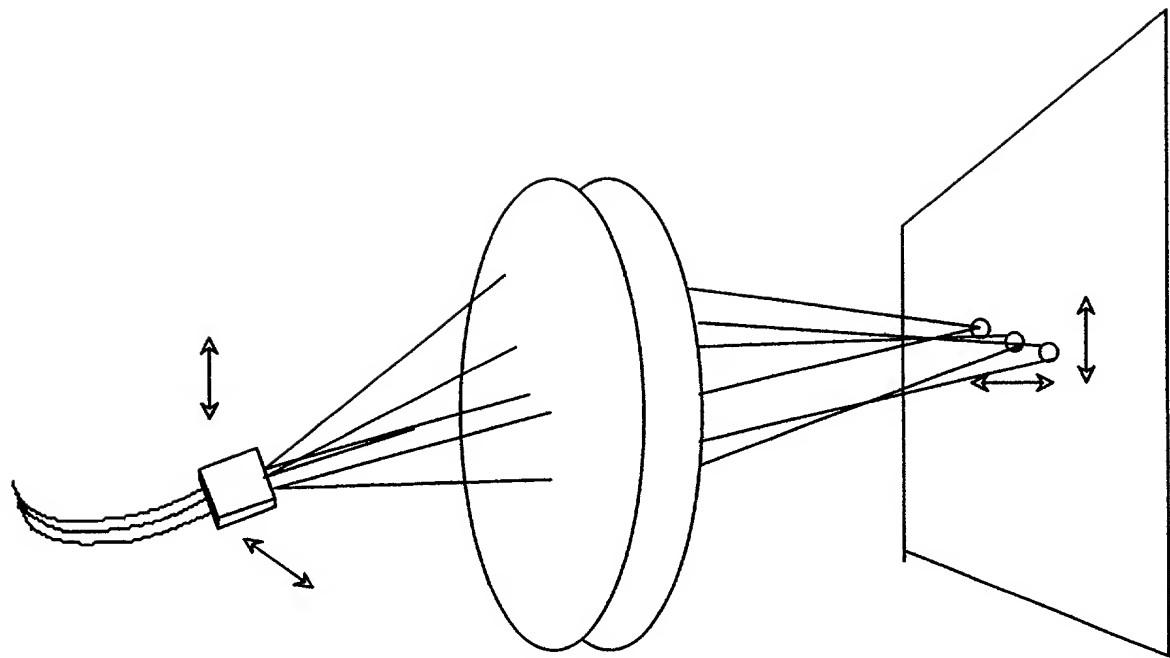


Fig 77

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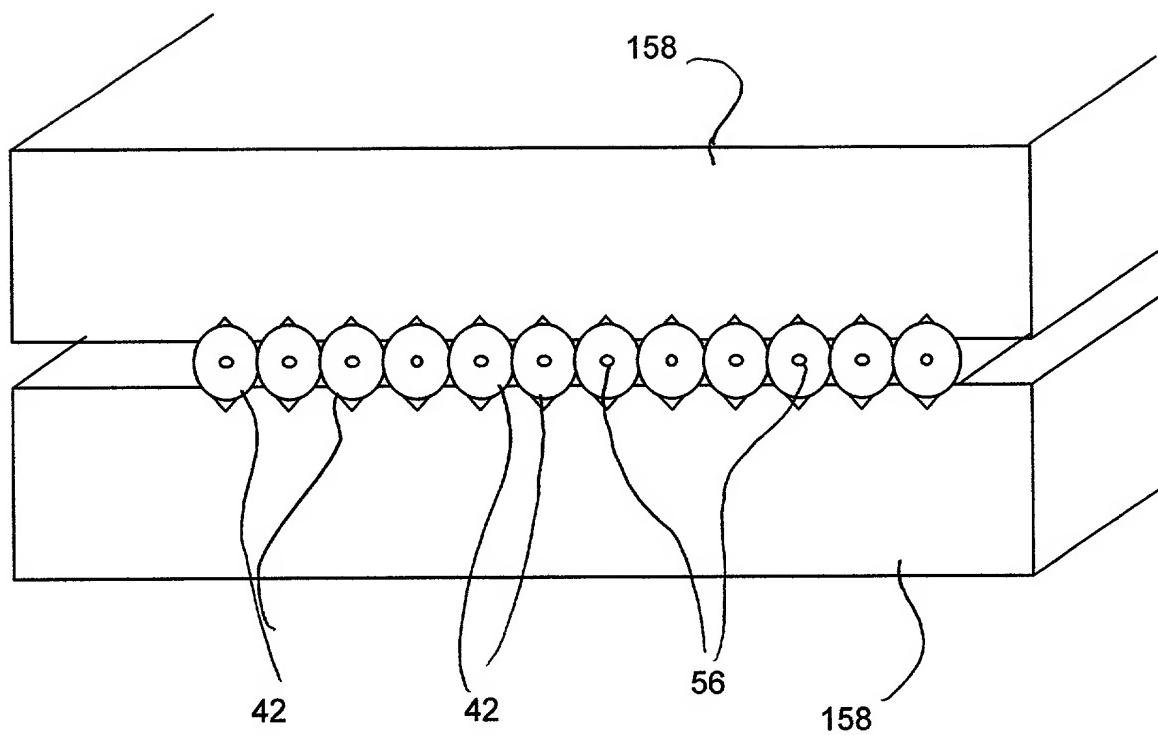


Fig 78

<u>s1</u>	<u>s2</u>	<u>s4</u>	<u>s5</u>	<u>s8</u>	<u>s9</u>	<u>s11</u>	<u>s12</u>
AAAA	AAAA	AAAA	AAAA	AAAA	AAAA	AAAA	CCCC
o	o	o	o	o	o	o	2 BBBB
o	o	o	o	o	o	o	4 AAAA
o	o	o	o	o	o	o	4 DDDD
o	o	o	o	o	o	o	6 CCCC
o	o	o	o	o	o	o	6 BBBB
o	o	o	o	o	o	o	8 DDDD
o	o	o	o	o	o	o	8 CCCC
o	o	o	o	o	o	o	10 BBBB
o	o	o	o	o	o	o	12 DDDD
o	o	o	o	o	o	o	12 CCCC
o	o	o	o	o	o	o	14 BBBB
o	o	o	o	o	o	o	16 DDDD
o	o	o	o	o	o	o	16 CCCC
BBBB	BBBB	BBBB	BBBB	2 CCCCB BBBB	6 BBBB	14 BBBB	18 BBBB
o	o	o	o	o	o	o	o
o	o	o	o	4 DDDD CCCCC	8 DDDD CCCCC	16 DDDD CCCC	20 DDDD CCCC
o	o	o	o	o	o	o	o
o	o	o	o	6 -----	10 -----	18 -----	22 -----
o	o	o	o	o	o	o	o
o	o	o	o	8 DDDD CCCCC	12 DDDD CCCCC	20 DDDD CCCCC	24 DDDD CCCCC
o	o	o	o	o	o	o	o
o	o	o	o	10 -----	14 -----	22 -----	26 -----
o	o	o	o	o	o	o	o
o	o	o	o	12 DDDD CCCCC	16 DDDD CCCCC	24 DDDD CCCCC	28 DDDD CCCCC
o	o	o	o	o	o	o	o
o	o	o	o	2 CCCC	14 -----	18 -----	26 -----
o	o	o	o	o	o	o	30 -----
o	o	o	o	o	o	o	o
CCCC	CCCC	CCCC	4 DDDD CCCCC	16 DDDD CCCCC	20 DDDD CCCCC	28 DDDD CCCCC	32 DDDD CCCCC
o	o	2 -----	6 -----	18 -----	22 -----	30 -----	34 -----
o	o	o	4 DDDD	8 DDDD	20 DDDD	24 DDDD	32 DDDD
o	o	o	o	o	o	o	36 DDDD
o	o	o	6 -----	10 -----	22 -----	26 -----	34 -----
o	o	o	o	o	o	o	38 -----
o	o	o	8 DDDD	12 DDDD	24 DDDD	28 DDDD	36 DDDD
o	o	o	o	o	o	o	40 DDDD
o	o	2 -----	10 -----	14 -----	26 -----	30 -----	38 -----
o	o	o	4 DDDD	12 DDDD	16 DDDD	28 DDDD	32 DDDD
o	o	o	o	o	o	o	44 DDDD
2 -----	6 -----	14 -----	18 -----	30 -----	34 -----	42 -----	46 -----
4 DDDD	8 DDDD	16 DDDD	20 DDDD	32 DDDD	36 DDDD	44 DDDD	48 DDDD
6 -----	10 -----	18 -----	22 -----	34 -----	38 -----	46 -----	50 -----
8 -----	12 -----	20 -----	24 -----	36 -----	40 -----	48 -----	52 -----
79A	79B	79C	79D	79E	79F	79G	79H

FIGs. 79A-79H

s270	s271	s272	s273	s274	s277	s280	s281
1032 DDDD 1036 CCCC	CCCC 1040	CCCC 1044 CCCC	CCCC 1048 CCCC	CCCC 1060 CCCC	CCCC 1072 CCCC	CCCC 1076 CCCC	CCCC
1034 BBBB 1038 AAAA	BBBB 1042 AAAA	BBBB 1046 AAAA	BBBB 1050 AAAA	BBBB 1062 AAAA	BBBB 1074 AAAA	BBBB 1078 AAAA	BBBB
1036 DDDD 1040 CCCC	DDDD 1044 CCCC	DDDD 1048 CCCC	DDDD 1052 CCCC	DDDD 1064 CCCC	DDDD 1076 CCCC	DDDD 1080 CCCC	DDDD
1038 BBBB 1042 BBBB	BBBB 1046 BBBB	BBBB 1050 BBBB	BBBB 1054 BBBB	BBBB 1066 BBBB	BBBB 1078 BBBB	BBBB	BB
1040 ----- CCCC	----- 1044 CCCC	----- 1048 CCCC	----- 1052 CCCC	----- 1056 CCCC	----- 1068 CCCC	----- 1080 CCCC	o
1042 BBBB 1046 BBBB	BBBB 1050 BBBB	BBBB 1054 BBBB	BBBB 1058 BBBB	BBBB 1070 BBBB	BBBB	o	o
1044 DDDD 1048 CCCC	DDDD 1052 CCCC	DDDD 1056 CCCC	DDDD 1060 CCCC	DDDD 1072 CCCC	DDDD	o	o
1046 BBBB 1050 BBBB	BBBB 1054 BBBB	BBBB 1058 BBBB	BBBB 1062 BBBB	BBBB 1074 BBBB	BBBB	o	o
1048 DDDD 1052 CCCC	DDDD 1056 CCCC	DDDD 1060 CCCC	DDDD 1064 CCCC	DDDD 1076 CCCC	DDDD	o	o
1050 BBBB 1054 BBBB	BBBB 1058 BBBB	BBBB 1062 BBBB	BBBB 1066 BBBB	BBBB 1078 BBBB	BBBB	3BBBB	3BBB
1052 DDDD 1056 CCCC	DDDD 1060 CCCC	DDDD 1064 CCCC	DDDD 1068 CCCC	DDDD 1080 CCCC	DDDD	o	o
1054 ----- 1058 -----	----- 1062 -----	----- 1066 -----	----- 1070 -----	-----	o	o	o
1056 DDDD 1060 CCCC	DDDD 1064 CCCC	DDDD 1068 CCCC	DDDD 1072 CCCC	DDDD	o	o	o
1058 ----- 1062 -----	----- 1066 -----	----- 1070 -----	----- 1074 -----	-----	o	o	o
1060 DDDD 1064 CCCC	DDDD 1068 CCCC	DDDD 1072 CCCC	DDDD 1076 CCCC	DDDD	o	o	o
1062 ----- 1066 -----	----- 1070 -----	----- 1074 -----	----- 1078 -----	-----	o	o	o
1064 DDDD 1068 CCCC	DDDD 1072 CCCC	DDDD 1076 CCCC	DDDD 1080 CCCC	DDDD	o	o	o
1066 ----- 1070 -----	----- 1074 -----	----- 1078 -----	-----	o	o	o	o
1068 DDDD 1072 -----	DDDD 1076 -----	DDDD 1080 -----	DDDD	o	o	o	o
1070 ----- 1074 -----	----- 1078 -----	-----	o	o	o	o	o
1072 DDDD 1076 -----	DDDD 1080 -----	DDDD	o	o	o	o	o
1074 ----- 1078 -----	-----	o	o	o	o	o	o
1076 DDDD 1080 -----	DDDD	o	o	o	o	o	o
1078 -----	o	o	o	o	o	o	o
1080 DDDD	DDDD	DDDD	DDDD	DDDD	DDDD	DDDD	DDDD
79I	79J	79K	79L	79M	79N	79O	79P

## FIGS. 79I-79P

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s1	s2	s5	s6	s9	s10	s12	s13
AAAA	AAAA	AAAA	AAAA	AAAA	AAAA	AAAA	AAAA
o	o	o	o	o	o	o	2 BBBB
o	o	o	o	o	o	o	CCCC
o	o	o	o	o	o	o	4 DDDD
o	o	o	o	o	o	o	-----
o	o	o	o	o	o	2 BBBB	6 BBBB
o	o	o	o	o	o	o	CCCC
o	o	o	o	o	o	o	8 DDDD
o	o	o	o	o	o	o	-----
o	o	o	o	o	o	6 BBBB	10 BBBB
o	o	o	o	o	o	o	CCCC
o	o	o	o	o	o	o	12 DDDD
o	o	o	o	o	o	o	-----
o	o	o	o	o	o	2 BBBB	14 BBBB
o	o	o	o	o	o	o	CCCC
o	o	o	o	o	o	o	16 DDDD
o	o	o	o	o	o	o	-----
BBBB	BBBB	BBBB	BBBB	2 BBBB	6 BBBB	14 BBBB	18 BBBB
o	o	o	o	CCCC	CCCC	CCCC	CCCC
o	o	o	o	4 DDDD	8 DDDD	16 DDDD	20 DDDD
o	o	o	o	-----	6 DDDD	10 DDDD	18 DDDD
o	o	o	o	CCCC	CCCC	CCCC	CCCC
o	o	o	o	8 DDDD	12 DDDD	20 DDDD	24 DDDD
o	o	o	o	-----	10 DDDD	14 DDDD	22 DDDD
o	o	o	o	CCCC	CCCC	CCCC	CCCC
o	o	o	o	12 DDDD	16 DDDD	24 DDDD	28 DDDD
o	o	o	o	-----	-----	-----	-----
o	o	o	o	2 DDDD	14 DDDD	18 DDDD	26 DDDD
o	o	o	o	CCCC	CCCC	CCCC	CCCC
o	o	o	o	4 DDDD	16 DDDD	20 DDDD	28 DDDD
o	o	o	o	-----	-----	-----	-----
CCCC	CCCC	2 CCC	6 CCC	18 CCC	22 CCC	30 CCC	34 CCC
o	o	4 DDDD	8 DDDD	20 DDDD	24 DDDD	32 DDDD	36 DDDD
o	o	-----	-----	-----	-----	-----	-----
o	o	6 DDDD	10 DDDD	22 DDDD	26 DDDD	34 DDDD	38 DDDD
o	o	8 DDDD	12 DDDD	24 DDDD	28 DDDD	36 DDDD	40 DDDD
o	o	10 DDDD	14 DDDD	26 DDDD	30 DDDD	38 DDDD	42 DDDD
o	o	12 DDDD	16 DDDD	28 DDDD	32 DDDD	40 DDDD	44 DDDD
o	o	-----	-----	-----	-----	-----	-----
o	2 -----	14 DDDD	18 DDDD	30 DDDD	34 DDDD	42 DDDD	46 DDDD
o	4 DDDD	16 DDDD	20 DDDD	32 DDDD	36 DDDD	44 DDDD	48 DDDD
2 -----	6 -----	18 -----	22 -----	34 -----	38 -----	46 -----	50 -----
4 DDDD	8 DDDD	20 DDDD	24 DDDD	36 DDDD	40 DDDD	48 DDDD	52 DDDD
6 -----	10 -----	22 -----	26 -----	38 -----	42 -----	50 -----	52 -----
8 -----	12 -----	24 -----	28 -----	40 -----	44 -----	52 -----	56 -----
80A	80B	80C	80D	80E	80F	80G	80H

FIGS. 80A-80H

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	s270	s271	s272	s274	s275	s278	s281	s282							
1026	AAAA BBBB CCCC	1030	BBBBB CCCC CCCC	1034	AAAAA BBBBB CCCC	1042	BBBBB CCCC CCCC	1046	AAAAA CCCC CCCC	1058	AAAAA BBBBB CCCC	1070	AAAAA BBBBB CCCC	1074	BBBBB CCCC CCCC
1028	DDDD	1032	DDDD	1036	DDDD	1044	DDDD	1048	DDDD	1060	DDDD	1072	DDDD	1076	DDDD
1030	AAAA BBBBB CCCC	1034	BBBBB CCCC CCCC	1038	AAAAA BBBBB CCCC	1046	BBBBB CCCC CCCC	1050	AAAAA BBBBB CCCC	1062	AAAAA BBBBB CCCC	1074	AAAAA BBBBB CCCC	1078	BBBBB CCCC CCCC
1032	DDDD	1036	DDDD	1040	DDDD	1048	DDDD	1052	DDDD	1064	DDDD	1076	DDDD	1080	DDDD
1034	BBBBB CCCC	1038	BBBBB CCCC	1042	BBBBB CCCC	1046	BBBBB CCCC	1050	BBBBB CCCC	1054	BBBBB CCCC	1066	BBBBB CCCC	1078	BBBBB CCCC
1036	DDDD	1040	DDDD	1044	DDDD	1048	DDDD	1052	DDDD	1056	DDDD	1068	DDDD	1080	DDDD
1038	BBBBB CCCC	1042	BBBBB CCCC	1046	BBBBB CCCC	1054	BBBBB CCCC	1058	BBBBB CCCC	1070	BBBBB CCCC	1078	BBBBB CCCC	1080	CCCC
1040	DDDD	1044	DDDD	1048	DDDD	1056	DDDD	1060	DDDD	1068	DDDD	1072	DDDD	1080	DDDD
1042	BBBBB CCCC	1046	BBBBB CCCC	1050	BBBBB CCCC	1058	BBBBB CCCC	1062	BBBBB CCCC	1074	BBBBB CCCC	1078	BBBBB CCCC	1080	CCCC
1044	DDDD	1048	DDDD	1052	DDDD	1056	DDDD	1060	DDDD	1064	DDDD	1076	DDDD	1080	DDDD
1046	BBBBB CCCC	1050	BBBBB CCCC	1054	BBBBB CCCC	1062	BBBBB CCCC	1066	BBBBB CCCC	1078	BBBBB CCCC	1080	BBBBB CCCC	1082	BBBBB CCCC
1048	DDDD	1052	DDDD	1056	DDDD	1060	DDDD	1064	DDDD	1068	DDDD	1080	DDDD	1082	DDDD
1050	-----	1054	-----	1058	-----	1066	-----	1070	-----	1074	-----	1078	-----	1080	-----
1052	DDDD	1056	DDDD	1060	DDDD	1064	DDDD	1068	DDDD	1072	DDDD	1076	DDDD	1080	DDDD
1054	-----	1058	-----	1062	-----	1066	-----	1070	-----	1074	-----	1078	-----	1080	-----
1056	DDDD	1060	DDDD	1064	DDDD	1068	DDDD	1072	DDDD	1076	DDDD	1080	DDDD	1082	DDDD
1058	-----	1062	-----	1066	-----	1070	-----	1074	-----	1078	-----	1080	-----	1082	-----
1060	CCCC	1064	CCCC	1068	CCCC	1072	CCCC	1076	CCCC	1080	CCCC	1082	CCCC	1084	CCCC
1062	-----	1066	-----	1070	-----	1074	-----	1078	-----	1082	-----	1086	-----	1088	-----
1064	DDDD	1068	DDDD	1072	DDDD	1076	DDDD	1080	DDDD	1084	DDDD	1088	DDDD	1092	DDDD
1066	-----	1070	-----	1074	-----	1078	-----	1082	-----	1086	-----	1090	-----	1094	-----
1068	DDDD	1072	DDDD	1076	DDDD	1080	DDDD	1084	DDDD	1088	DDDD	1092	DDDD	1096	DDDD
1070	-----	1074	-----	1078	-----	1082	-----	1086	-----	1090	-----	1094	-----	1098	-----
1072	DDDD	1076	DDDD	1080	DDDD	1084	DDDD	1088	DDDD	1092	DDDD	1096	DDDD	1098	DDDD
1074	-----	1078	-----	1082	-----	1086	-----	1090	-----	1094	-----	1098	-----	1102	-----
1076	DDDD	1080	DDDD	1084	DDDD	1088	DDDD	1092	DDDD	1096	DDDD	1100	DDDD	1104	DDDD
1078	-----	1082	-----	1086	-----	1090	-----	1094	-----	1098	-----	1102	-----	1106	-----
1080	DDDD	1084	DDDD	1088	DDDD	1092	DDDD	1096	DDDD	1100	DDDD	1104	DDDD	1108	DDDD
	80I	80J	80K	80L	80M	80N	80O	80P							

FIGS. 80I-80P

<u>s1</u>	<u>s2</u>	<u>s3</u>	<u>s4</u>	<u>s5</u>	<u>s6</u>	<u>s7</u>	<u>s8</u>
AAAAA	2 - AAAA						
o	o	o	o	o	o	o	4 BBBB
o	o	o	o	o	o	o	6 CCCC
o	o	o	o	o	o	2 CCCC	10 CCCC
o	o	o	o	o	o	4 BBBB	8 BBBB
o	o	o	o	o	o	2 CCCC	6 CCCC
o	o	o	o	o	o	4 BBBB	12 BBBB
o	o	o	o	o	o	2 CCCC	14 CCCC
o	o	o	o	o	o	4 DDDD	8 DDDD
o	o	o	o	o	o	2 CCCC	18 CCCC
o	o	o	o	o	o	4 DDDD	12 DDDD
o	o	o	o	o	o	2 CCCC	20 DDDD
CCCCC	CCCCC	2 - CCCC	6 - CCCC	10 - CCCC	14 - CCCC	18 - CCCC	22 - CCCC
o	o	4 DDDD	8 DDDD	12 DDDD	16 DDDD	20 DDDD	24 DDDD
o	2 -----	6 -----	10 -----	14 -----	18 -----	22 -----	26 -----
o	4 DDDD	8 DDDD	12 DDDD	16 DDDD	20 DDDD	24 DDDD	28 DDDD
2 -----	6 -----	10 -----	14 -----	18 -----	22 -----	26 -----	30 -----
4 DDDD	8 DDDD	12 DDDD	16 DDDD	20 DDDD	24 DDDD	28 DDDD	32 DDDD
6 -----	10 -----	14 -----	18 -----	22 -----	26 -----	30 -----	34 -----
8 -----	12 -----	16 -----	20 -----	24 -----	28 -----	32 -----	36 -----

81A      81B      81C      81D      81E      81F      81G      81H

FIGs. 81A-81H

+

<u>s1</u>	<u>s2</u>	<u>s6</u>	<u>s12</u>	<u>s359</u>	<u>s360</u>	<u>s365</u>	<u>s371</u>
AAAA o 17 o o BBBB o o 17 o o	AAAA o 17 o o BBBB o o 17 o o		2 BBBB 4 BBBB 6 CCCC 8 CCCC 10 BBBB 12 CCCC 14 BBBB 16 BBBB 18 CCCC 20 CCCC 22 CCCC 24 CCCC 26 CCCC 28 CCCC 30 CCCC 32 CCCC 34 CCCC 36 CCCC 38 CCCC	1042 BBBB 1044 CCCC 1046 CCCC 1048 BBBB 1050 CCCC 1054 BBBB 1056 CCCC 1058 AAAA 1059 BBBB 1060 BBBB 1062 CCCC 1064 AAAA 1066 BBBB 1068 CCCC 1070 BBBB 1072 BBBB 1074 CCCC 1076 BBBB 1078 BBBB 1080 CCCC 1080 CCCC	1042 BBBB 1044 CCCC 1046 AAAA 1048 BBBB 1050 CCCC 1054 BBBB 1056 CCCC 1058 AAAA 1059 BBBB 1060 BBBB 1062 CCCC 1064 AAAA 1066 BBBB 1068 CCCC 1070 BBBB 1072 BBBB 1074 CCCC 1076 BBBB 1078 BBBB 1080 CCCC 1080 CCCC	1048 BBBB 1050 CCCC 1052 AAAA 1054 BBBB 1056 CCCC 1060 BBBB 1062 CCCC 1064 AAAA 1066 BBBB 1068 CCCC 1070 BBBB 1072 BBBB 1074 CCCC 1076 BBBB 1078 BBBB 1080 CCCC 1080 CCCC	1054 BBBB 1056 CCCC 1058 AAAA 1060 BBBB 1062 CCCC 1064 AAAA 1066 BBBB 1068 CCCC 1070 BBBB 1072 BBBB 1074 CCCC 1076 BBBB 1078 BBBB 1080 CCCC 1080 CCCC
82A	10		82B	12 CCCC 14 CCCC 16 CCCC 18 CCCC 20 CCCC	1062 CCCC 1064 CCCC 1068 CCCC 1070 CCCC 1072 CCCC	1062 CCCC 1064 CCCC 1068 CCCC 1070 CCCC 1072 BBBB	1068 CCCC 1070 CCCC 1074 CCCC 1076 BBBB 1078 BBBB 1080 CCCC 17 o
			82C	34 36 CCCC 38	1074 CCCC 1076 CCCC 1078 CCCC 1080 CCCC	1074 CCCC 1076 CCCC 1078 CCCC 1080 CCCC	BBBB o o o o CCCC
			82D	82E	82F	82G	82H

FIGs. 82A-82H

<u>s1</u>	<u>s2</u>	<u>s5</u>	<u>s6</u>	<u>s270</u>	<u>s271</u>	<u>s274</u>	<u>s275</u>
AAAA BBBB	AAAA BBBB	AAAA BBBB	2 AAAA CCCC	1056 DDDD AAAA	1060 CCCC AAAA	1072 CCCC AAAA	1076 CCCC AAAA
o	o	o	4 DDDD	1058 BBBB CCCC	1062 BBBB CCCC	1074 BBBB CCCC	1078 BBBB CCCC
o	o	o	2 CCCC	1060 DDDD	1064 DDDD	1076 DDDD	1080 DDDD
o	o	o	4 DDDD	1062 CCCC	1066 CCCC	1078 CCCC	o
o	o	o	6 CCCC	1064 DDDD	1068 DDDD	1080 DDDD	o
o	o	o	8 DDDD	1066 CCCC	1070 CCCC	o	o
o	o	o	10 CCCC	1068 DDDD	1072 DDDD	o	o
o	o	o	12 DDDD	1070 CCCC	1074 CCCC	o	o
o	o	o	2 CCCC	1072 DDDD	1076 DDDD	o	o
o	o	o	4 DDDD	1074 CCCC	1078 CCCC	o	o
2 CCCC	6 CCCC	18 CCCC	22 CCCC	1076 DDDD	1080 DDDD	o	o
4 DDDD	8 DDDD	20 DDDD	24 DDDD	1078 CCCC	CCCC	CCCC	CCCC
6 -----	10 -----	22 -----	26 -----	1080 DDDD	DDDD	DDDD	DDDD
83A	83B	83C	83D	83E	83F	83G	83H

FIGs. 83A-83H

+

Scan Pass s6

Line				time t1	1	3	5
1	○	+	×		○	○	○
2				○	○	○	○
3					○	○	○
22					○	○	○
23	○	+	×		○	○	○
24					○	○	○
25					○	○	○

**FIG. 84A**

+

Scan Pass s6

Line				time t5	1	3	5	7	9
1	○	+	×		○	○	○	○	○
2				○	*	×	×	×	○
3					○	○	○	○	○
22					○	○	○	○	○
23	○	+	×		○	○	○	○	○
24					○	*	×	×	○
25					○	○	○	○	○

**FIG. 84B**

+

Scan Pass s6

Line				time t9	1	3	5	7	9	11	13
1	○	+	×		○	○	○	○	○	○	○
2				○	*	*	*	*	×	×	○
3					○	○	○	○	○	○	○
22					○	○	○	○	○	○	○
23	○	+	×		○	○	○	○	○	○	○
24					○	*	*	*	×	×	○
25					○	○	○	○	○	○	○

**FIG. 84C**

+

Scan Pass s6

Line				time t13	1	3	5	7	9	11	13	15	17
1	○	+			×	○	○	○	○	○	○	○	○
2				○	○	○	○	○	*	*	*	*	×
3					○	○	○	○	○	○	○	○	○
22					○	○	○	○	○	○	○	○	○
23	○	+			×	○	○	○	○	○	○	○	○
24				○	○	○	○	○	*	*	*	*	×
25					○	○	○	○	○	○	○	○	○

**FIG. 84D**

+

Scan Pass s6

Line	1	3	5	7	9	11	13	15	17	19	21	23	25
1	○	*	*	*	*	×	×	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	*	*	*	×
3	○	○	○	○	○	○	○	○	○	○	○	○	○
22	○	○	○	○	○	○	○	○	○	○	○	○	○
23	○	*	*	*	*	×	×	×	○	○	○	○	○
24	○	○	○	○	○	○	○	○	○	*	*	*	×
25	○	○	○	○	○	○	○	○	○	○	○	○	○

**FIG. 84E**

FIG. 84F

Scan Pass s6 time t1920

Line	1896	1898	1900	1902	1904	1906	1908	1910	1912	1914	1916	1918	1920
1	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*
3	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.
23	*	*	*	*	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*	*	*	*	*
25	.	.	.	.	.	.	.	.	.	.	.	.	.

Scan Pass s6 time t1924

Line	1900	1902	1904	1906	1908	1910	1912	1914	1916	1918	1920
1	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*
3	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.
23	*	*	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*	*	*
25	.	.	.	.	.	.	.	.	.	.	.

FIG. 84G

Scan Pass s6 time t1928

Line	1904	1906	1908	1910	1912	1914	1916	1918	1920
1	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*
3	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.
23	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*
25	.	.	.	.	.	.	.	.	.

FIG. 84H

Scan Pass s6 time t1932

Line	1908	1910	1912	1914	1916	1918	1920
1	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*
3	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.
23	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*
25	.	.	.	.	.	.	.

FIG. 84I

Scan Pass s6 time t1940

Line	1916	1918	1920
1	*	*	*
2	*	*	*
3	.	.	.
22	.	.	.
23	*	*	*
24	*	*	*
25	.	.	.

FIG. 84J

<u>s1</u>	<u>s5</u>	<u>10</u>	<u>s15</u>	<u>s20</u>	<u>s216</u>	<u>s220</u>	<u>s225</u>	<u>s230</u>	<u>s235</u>
AAA 24	AAA 24	AAA 24	AAA 24	AAA 24	DDD 982 CCC BBB 984 AAA EEE 986 DDD CCC 988 BBB	DDD 1002 CCC BBB 1004 AAA EEE 1006 DDD CCC 1008 BBB	1026 BBB CCC 1028 BBB AAA 1030 EEE 1006 DDD CCC 1032 CCC BBB	1032 CCC BBB 1034 AAA EEE 1036 DDD CCC 1038 BBB AAA 1040 EEE DDD 1042 CCC BBB	BBB 1034 AAA EEE 1036 DDD CCC 1038 BBB AAA 1040 EEE DDD 1042 CCC BBB
BBB 24	BBB 24	BBB 24	BBB 24	BBB 24	2 CCC 2 CCC 4 AAA 4 EEE 6 DDD 6 DDD 8 BBB	2 CCC 2 CCC 4 AAA 4 EEE 6 DDD 6 CCC 8 BBB	1000 EEE 1002 CCC 1004 BBB 1008 BBB	1020 EEE 1022 CCC 1024 BBB 1028 BBB	1036 DDD CCC 1038 BBB AAA 1040 EEE DDD 1042 CCC BBB
CCC 24	CCC 24	CCC 24	CCC 24	CCC 24	4 EEE 6 DDD 6 CCC 8 BBB	6 DDD 6 CCC 8 BBB	1006 DDD 1006 CCC 1008 BBB	1026 DDD 1026 CCC 1028 BBB	1044 AAA EEE 1046 DDD CCC 1048 BBB AAA 1050 EEE DDD
DDD 24	DDD 24	DDD 24	DDD 24	DDD 24	8 BBB	1008 BBB	1028 BBB	1044 EEE 1046 DDD CCC 1048 BBB AAA 1050 EEE DDD	1052 CCC BBB
2	4	4	8	8	-----	1004 -----	1024 -----	1042 CCC BBB	1048 BBB AAA
-----	-----	4	-----	-----	-----	1004 -----	1024 -----	1044 AAA EEE 1046 DDD CCC 1048 BBB AAA	1050 EEE DDD
2	4	4	8	8	-----	1004 -----	1024 -----	1042 CCC BBB	1048 BBB AAA
-----	4	4	8	8	-----	1004 -----	1024 -----	1042 CCC BBB	1048 BBB AAA
4	EEE	6	-----	-----	-----	1008 BBB	1028 BBB	1044 EEE 1046 DDD CCC 1048 BBB AAA 1050 EEE DDD	1052 CCC BBB
6	-----	8	-----	-----	-----	1010 EEE	1030 EEE	1046 DDD CCC 1052 CCC BBB	1054 AAA EEE
-----	8	8	-----	-----	-----	1010 EEE	1030 EEE	1046 DDD CCC 1052 CCC BBB	1054 AAA EEE
8	-----	10 EEE	20 EEE	20 EEE	-----	1012 CCC	1032 CCC	1050 EEE 1056 DDD CCC	1056 DDD CCC
-----	10 EEE	10 EEE	20 EEE	20 EEE	-----	1012 CCC	1032 CCC	1050 EEE 1056 DDD CCC	1056 DDD CCC
10	-----	12	22 CCC	22 CCC	-----	-----	1034 -----	1052 CCC BBB	1058 BBB AAA
-----	12	12	22 CCC	22 CCC	-----	1028 BBB	1034 -----	1052 CCC BBB	1058 BBB AAA
12	-----	24	-----	-----	-----	1024 -----	1034 -----	1052 CCC BBB	1060 EEE
-----	14	18	EEE	30 EEE	30 EEE	1026 DDD	1044 -----	1054 -----	1060 EEE DDD
85A	16	20 EEE	CCC	32 CCC	32 CCC	1026 DDD	1044 -----	1054 -----	1062 CCC BBB
-----	20	EEE	CCC	32 CCC	32 CCC	1026 DDD	1044 -----	1054 -----	1062 CCC BBB
18	-----	22	-----	-----	-----	1028 -----	1046 DDD	1056 DDD	1062 CCC BBB
-----	22	22	-----	-----	-----	1028 -----	1046 DDD	1056 DDD	1062 CCC BBB
20	EEE	24	DDD	32 CCC	50 EEE	1032 CCC	1050 EEE	1060 EEE	1066 DDD CCC
-----	24	EEE	DDD	32 CCC	50 EEE	1032 CCC	1050 EEE	1060 EEE	1066 DDD CCC
22	-----	26 DDD	-----	-----	50 EEE	1032 CCC	1050 EEE	1060 EEE	1068 BBB AAA
-----	26	DDD	-----	-----	52 CCC	1034 -----	1052 CCC	1062 CCC	1068 BBB AAA
24	-----	28	EEE	44	44	1036 DDD	1054 -----	1064 -----	1070 EEE DDD
-----	28	32	EEE	44	44	1036 DDD	1054 -----	1064 -----	1070 EEE DDD
26	-----	30 EEE	EEE	46 DDD	46 DDD	1056 DDD	1066 DDD	1072 CCC	1072 CCC BBB
-----	30	EEE	EEE	46 DDD	56 DDD	1056 DDD	1066 DDD	1072 CCC	1074 AAA
28	-----	32	48	-----	-----	1050 EEE	-----	1068 -----	1074 -----
-----	30	34	50 EEE	72	72	1050 EEE	-----	1068 -----	1074 -----
32	-----	36	DDD	74	74	1052 -----	1070 EEE	1070 EEE	1076 DDD CCC
-----	36	52	EEE	74	74	1052 -----	1070 EEE	1070 EEE	1076 DDD CCC
85B	38	54	76 DDD	1056 DDD	1056 DDD	1074 -----	1074 -----	1080 EEE	1080 EEE
-----	40	EEE	EEE	78	78	1074 -----	1074 -----	24	BBB
42	-----	56	-----	1058	1058	1076 DDD	1076 DDD	CCC	CCC
44	-----	80 EEE	-----	1060 EEE	1060 EEE	1078 -----	1078 -----	24	CCC
46	EEE	68	82	-----	-----	1080 EEE	1080 EEE	24	CCC
48	70 EEE	94	94	-----	-----	24	24	24	BBB
50	EEE	96	96	-----	-----	EEE	EEE	24	DDD
52	72	1076	1076	-----	-----	EEE	EEE	24	DDD
54	74	98	98	1078	1078	85G	24	24	EEE
56	76	100 EEE	100 EEE	1080 EEE	1080 EEE	EEE	EEE	24	EEE
58	78	102	102	-----	-----	-----	-----	24	EEE
85C	85D	85E	85F	85G	85H	85I	85J		

FIGs. 85A-85J

FIGS 86A-86H

+

Scan Pass s7		Time t1						
Line	Dot	1	3	5	7	9		
1	Ra	Ba	G	G	G	G	G	G
2		X	X	X	X	X	X	X
3		X	X	X	X	X	X	X
4		G	G	G	G	G	G	G
5	Ga	o	o	o	o	o	o	o
6		X	X	X	X	X	X	X
7		G	G	G	G	G	G	G
8		RB	RB	RB	RB	RB	RB	RB
9	Rb	Bb	G	G	G	G	G	G
10		o	o	o	o	o	o	o
11		RB	RB	RB	RB	RB	RB	RB
12		G	G	G	G	G	G	G
13	Gb	o	o	o	o	o	o	o
14		RB	RB	RB	RB	RB	RB	RB
15		G	G	G	G	G	G	G
16		o	o	o	o	o	o	o
17	Rc	Bc	o	o	o	o	o	o
18		G	G	G	G	G	G	G
19		o	o	o	o	o	o	o
20		o	o	o	o	o	o	o
21	Gc	o	o	o	o	o	o	o
22		o	o	o	o	o	o	o

FIG. 87A

Scan Pass s7		Time t4						
Line	Dot	1	3	5	7	9		
1	Ra	BG	BG	BG	Ba	G	G	G
2		X	X	X	X	X	X	X
3		X	X	X	X	X	X	X
4		G	G	G	G	G	G	G
5	Ga	o	o	o	o	o	o	o
6		X	X	X	X	X	X	X
7		G	G	G	G	G	G	G
8		RB	RB	RB	RB	RB	RB	RB
9	Rb	BG	BG	BG	Bb	G	G	G
10		o	o	o	o	o	o	o
11		RB	RB	RB	RB	RB	RB	RB
12		G	G	G	G	G	G	G
13	Gb	o	o	o	o	o	o	o
14		RB	RB	RB	RB	RB	RB	RB
15		G	G	G	G	G	G	G
16		o	o	o	o	o	o	o
17	Rc	Bc	Bc	Bc	Bc	Bc	Bc	Bc
18		G	G	G	G	G	G	G
19		o	o	o	o	o	o	o
20		o	o	o	o	o	o	o
21	Gc	o	o	o	o	o	o	o
22		o	o	o	o	o	o	o

FIG. 87B

Scan Pass s7		Time t7						
Line		1	3	5	7	9	11	13
1		RX	BG	BG	BG	BG	Ba	G
2		X	X	X	X	X	X	X
3		X	X	X	X	X	X	X
4		G	G	G	G	G	G	G
5	Ga	Ga	Ga	Ga	o	o	o	o
6		X	X	X	X	X	X	X
7		G	G	G	G	G	G	G
8		RB	RB	RB	RB	RB	RB	RB
9		RX	BG	BG	BG	Bb	G	G
10		o	o	o	o	o	o	o
11		RB	RB	RB	RB	RB	RB	RB
12		G	G	G	G	G	G	G
13	Gb	Gb	Gb	Gb	o	o	o	o
14		RB	RB	RB	RB	RB	RB	RB
15		G	G	G	G	G	G	G
16		o	o	o	o	o	o	o
17		RB	Bc	Bc	Bc	Bc	Bc	Bc
18		G	G	G	G	G	G	G
19		o	o	o	o	o	o	o
20		o	o	o	o	o	o	o
21	Gc	Gc	Gc	Gc	o	o	o	o
22		o	o	o	o	o	o	o

FIG. 87C

Scan Pass s7		Time t13							
Line		1	3	5	7	9	11	13	15
1		RX	RX	RX	RX	RX	RX	BG	BG
2		X	X	X	X	X	X	X	X
3		X	X	X	X	X	X	X	X
4		G	G	G	G	G	G	G	G
5	Ga	Ga	Ga	Ga	Ga	Ga	Ga	Ga	Ga
6		X	X	X	X	X	X	X	X
7		G	G	G	G	G	G	G	G
8		RB	RB	RB	RB	RB	RB	RB	RB
9		RX	RX	RX	RX	RX	RX	BG	BG
10		o	o	o	o	o	o	o	o
11		RB	RB	RB	RB	RB	RB	RB	RB
12		G	G	G	G	G	G	G	G
13	Gb	Gb	Gb	Gb	Gb	Gb	Gb	Gb	Gb
14		RB	RB	RB	RB	RB	RB	RB	RB
15		G	G	G	G	G	G	G	G
16		o	o	o	o	o	o	o	o
17		RB	RB	RB	RB	RB	Bc	Bc	Bc
18		G	G	G	G	G	G	G	G
19		o	o	o	o	o	o	o	o
20		o	o	o	o	o	o	o	o
21	Gc	Gc	Gc	Gc	Gc	Gc	Gc	Gc	Gc
22		o	o	o	o	o	o	o	o

FIG. 87D

FIG. 88A

FIG. 88C

Line	Scan Pass s7	Time t1923
1	RX RX RX RX RX RX RX RX RX BG BG BG	Ba
2	X X X X X X X X X X X X X X	
3	X X X X X X X X X X X X X X	
4	G G G G G G G G G G G G G G	
5	Ga	
6	X X X X X X X X X X X X X X	
7	G G G G G G G G G G G G G G	
8	RB	
9	RX RX RX RX RX RX RX RX RX BG BG BG	Bb
10	o o o o o o o o o o o o	
11	RB	
12	G G G G G G G G G G G G G G	
13	Gb	
14	RB	
15	G G G G G G G G G G G G G G	
16	o o o o o o o o o o o o	
17	RB RB RB RB RB RB RB RB Bc Bc Bc	Bc
18	G G G G G G G G G G G G G G	
19	o o o o o o o o o o o o	
20	o o o o o o o o o o o o	
21	Gc	
22	o o o o o o o o o o o o	

FIG. 88B

FIG. 88D

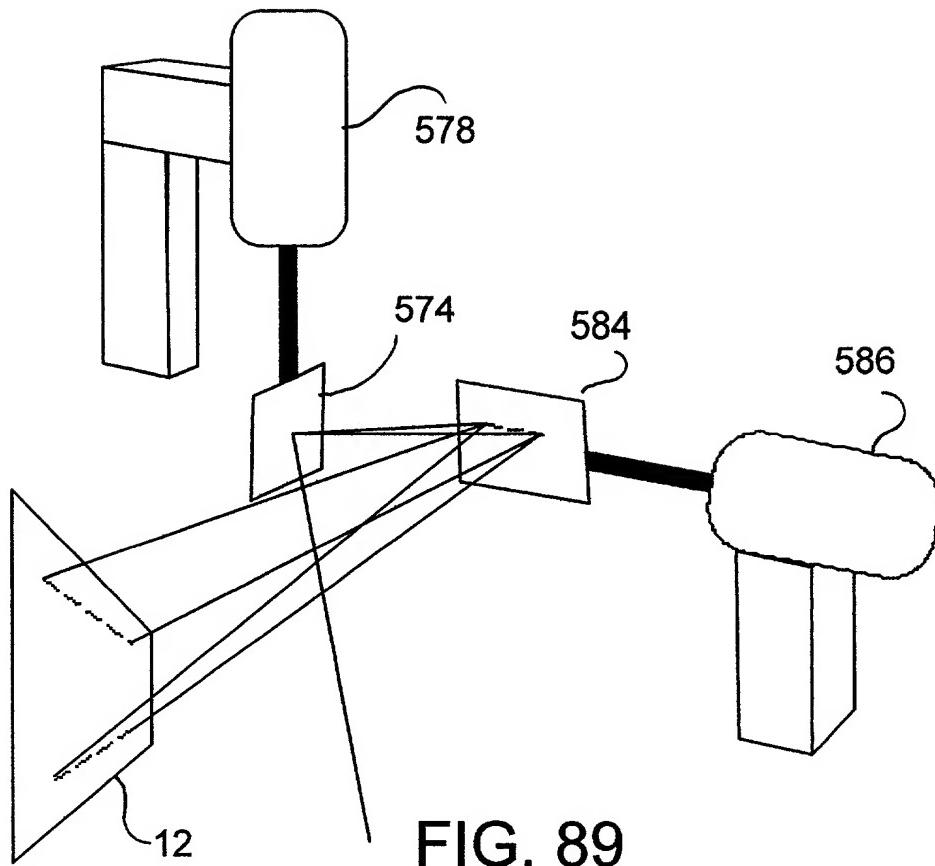


FIG. 89

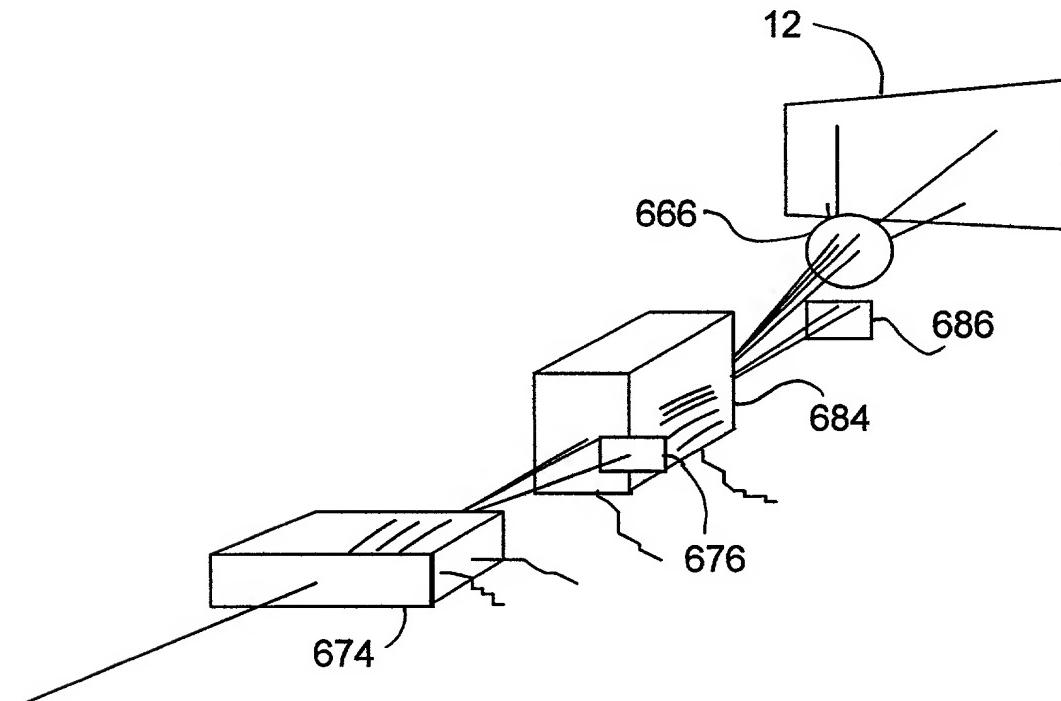
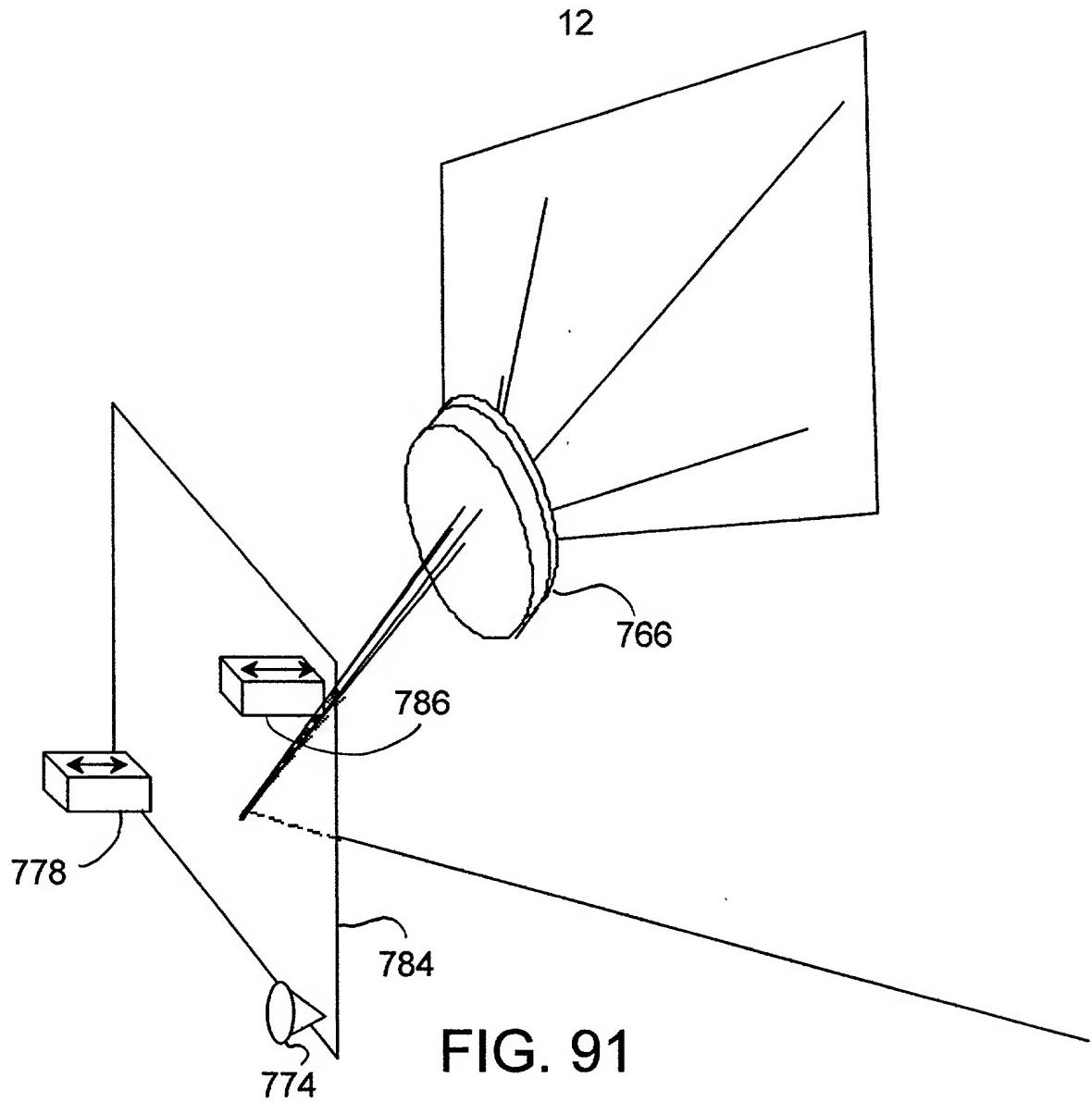


FIG. 90

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